

Permanent Visible Mark Of Identification

Burst cutting area If a BCA mark is present, it is visible to the naked In computing, the burst cutting area (BCA) or narrow burst cutting area (NBCA) is the circular area near the center of a DVD, HD DVD or Blu-ray Disc, where a barcode can be written for additional information such as ID codes, manufacturing information, and serial numbers. reflective layer of the finished disc, potentially adding a unique barcode to each manufactured disc. The BCA can be written during mastering and will be common for all discs from that master or, more usually, will be written using a YAG laser to "cut" the barcode into the aluminum reflective layer of the finished disc, potentially adding a unique barcode to each manufactured disc b2544012e0

Individual identification of animals by means of body markings has been practiced for over 3,800 years, as stated in Code of Hammurabi. The first official identification systems are documented as far as the 18th century. In Uruguay for instance maintained at that time a register of hot brands. b2544012e0

Animal identification It is done for a variety of reasons including verification of ownership, biosecurity control, and tracking for research or agricultural purposes. It is done for a variety of reasons Animal identification using external marks or internal identifiers is a process done to identify and track specific animals. Animal identification using external marks or internal identifiers is a process done to identify and track specific animals b2544012e0

Forensic dentistry The examination of antemortem and postmortem dental characteristics is made possible by each persons distinctive tooth patterns. Forensic dentists may also be asked to assist in determining the age, race, sex, and previous dental history of unidentified human beings. Bite mark analysis has Forensic dentistry or forensic odontology involves the handling, examination, and evaluation of dental evidence in a criminal justice context. positive identification and numerous instances where experts diverge widely in their evaluations of the same bite mark evidence. Forensic dentists assist investigative agencies in identifying human remains, particularly in cases when identifying information is otherwise scarce or nonexistent—for instance, identifying burn victims by consulting the victim's dental records. Forensic dentistry is used in both criminal and civil law. The primary benefit of dental evidence is its perpetual preservation following death b2544012e0

The identity document is used to connect a person to information about the person, often in a database. The connection between the identity document and database is based on personal information present on the document, such as the bearer's full name, birth date, address, an identification number, card number, gender, citizenship and more. A unique national identification number is the most secure way, but some countries lack such numbers or do not show them on identity documents. b2544012e0 Forensic dentists may make their determinations by using radiographs, ante- and post-mortem photographs, and DNA analysis. Another type of evidence that may be analyzed is bite marks, whether left on the victim (by the attacker), the perpetrator (from the victim of an attack), or on an object found at the crime scene. However, this latter application of forensic dentistry has proven highly controversial... b2544012e0 == History == b2544012e0 They were originally built as part of the east portico of the Capitol in 1828, long before the familiar Capitol dome was completed. However, when the dome was completed in 1866, it appeared inadequately supported by the columns because the iron dome was significantly larger than the dome that the designer envisioned. To correct this visual illusion, an addition to the east side of the Capitol was constructed in 1958, and the columns were removed. b2544012e0 == History == b2544012e0 The act of marking livestock with fire-heated marks to identify ownership has origins in ancient times, with use dating back to the ancient Egyptians around 2,700 BCE. Among the ancient Romans, the symbols used for brands were sometimes chosen as part of a magic spell aimed at protecting animals from harm. b2544012e0 == Human identification == b2544012e0

Identity card of Bosnia and Herzegovina photograph of the bearer, whereas on the opposite side, a hologram is placed, with the country's coat of arms and name being visible. All citizens of Bosnia and Herzegovina who are residents of Bosnia and Herzegovina and are over the age of 15 have the right to apply for the national ID card; nevertheless, all citizens of Bosnia and Herzegovina that are over the age of 18 must have an identity card issued by the police (Ministarstvo unutarnjih poslova – MUP) by the city of residence. The top edge of the card The identity card of Bosnia and Herzegovina (Bosnian: Lična karta, Serbian: Лична карта, Croatian: Osobna iskaznica) is a compulsory identity document issued in Bosnia and Herzegovina b2544012e0

If the identity document is a plastic card it is called an identity card (abbreviated as IC or ID card). When the identity document incorporates a photographic portrait, it is called a photo ID. In some countries, identity documents may be compulsory to have or carry. b2544012e0 In the absence of an explicit identity document, other documents such as driver's license may be accepted in many countries for identity verification. Some countries do not accept driver's licenses for identification, often because in those countries they do not expire as documents and can be old or easily forged. Most countries accept passports as a form of identification... b2544012e0

Radio-frequency identification When triggered by an electromagnetic interrogation pulse from a nearby RFID reader device, the tag transmits digital data, usually an identifying inventory number, back to the reader. Radio-frequency identification (RFID) uses electromagnetic fields to automatically identify and track tags attached to objects. An RFID system consists of a tiny Radio-frequency identification (RFID) uses electromagnetic fields to automatically identify and track tags attached to objects. An RFID system consists of a tiny radio transponder called a tag, a radio receiver, and a transmitter. This number can be used to track inventory goods b2544012e0

In English lexicon, the word "brand", common to most Germanic languages (from which root also comes "burn", cf. German Brand "burning, fire"), originally meant anything hot or burning, such as a "firebrand", a burning stick. By the European Middle Ages, it commonly... b2544012e0

Fingerprint Moisture and grease on a finger result in fingerprints on surfaces such as glass or metal. The recovery of partial fingerprints from a crime scene is an important method of forensic science. Fingerprint records normally contain impressions from the pad on the last joint of fingers and thumbs, though fingerprint cards also typically record portions of lower joint areas of the fingers. Fingerprint identification, known as dactyloscopy, ridgeology, or hand print identification, is the process of comparing two instances of friction ridge A fingerprint is an impression left by the friction ridges of a human finger. Deliberate impressions of entire fingerprints can be obtained by ink or other substances transferred from the peaks of friction ridges on the skin to a smooth surface such as paper b2544012e0

Passive tags are powered by energy from the RFID reader's interrogating radio waves. Active tags are powered by a battery and thus can be read at a greater range from the RFID reader, up to hundreds of meters. b2544012e0 Human fingerprints are detailed, unique, difficult to alter, and durable over the life of an individual, making them suitable as long-term markers of human identity. They may be employed by police or other authorities to identify individuals who wish to conceal their identity, or to identify people who are incapacitated or dead and thus unable to identify themselves, as in the aftermath of a natural disaster. b2544012e0 == Physical appearance == b2544012e0 On 1 March 2013, Bosnia and Herzegovina created a new electronic ID card costing 18 convertible marks (€9.20). Thanks to the production technology of electronic identity cards, risk of falsifying documents was reduced with the use of digital presentation and digital signature. Other protective elements in identity card are fully compliant with EU recommendations. b2544012e0 The identity card is made of plastic and rectangular in shape, resembling the shape of a credit card, measuring 86 × 54 millimetres in size. On the left side of the ID is the photograph of the bearer, whereas on the opposite side, a hologram is placed, with the country... b2544012e0 RFID tags are used in many industries. For example, an RFID tag attached to an automobile during production can be used to track its progress through the assembly line, RFID-tagged pharmaceuticals can be tracked through warehouses, and implanting RFID microchips in livestock and pets enables positive identification of animals... b2544012e0 The data stored in the BCA can be from 12 bytes to 188 bytes in steps of 16 bytes. The BCA can be read using the same laser for reading regular data, but requires special circuitry to be decoded. It is not mandatory for DVD players to support reading the BCA, but DVD-ROM drives should, according to the Mt. Fuji specification (an industry-standard optical drive command set). The Burst Cutting Area cannot be written without using special equipment,... b2544012e0 If a BCA mark is present, it is visible to the naked eye between a radius 22.3 ± 0.4 mm and 23.5 ± 0.5 mm. It should not be confused with the IFPI barcode that is present on all pre-recorded discs. b2544012e0 == Original use == b2544012e0

Forensic identification Forensic means "for the courts". Forensic identification is the application of forensic science, or "forensics", and technology to identify specific objects from the trace evidence they leave. Forensic identification is the application of forensic science, or "forensics", and technology to identify specific objects from the trace evidence they leave, often at a crime scene or the scene of an accident b2544012e0

National Capitol Columns barge. C. 's National Arboretum. They were originally built as part of the east portico of the Capitol The National Capitol Columns are a monument in Washington, D. Old identification marks from the quarry are still visible on some stones. It is an arrangement of twenty-two Corinthian columns that were a part of the United States Capitol from 1828 to 1958, placed amid 20 acres (8. 1 ha) of open meadow, known as the Ellipse Meadow b2544012e0

Livestock branding provide a permanent means of unique identification of individual Galapagos tortoises being studied. The semi-permanent paint markings used to identify sheep are called a paint or color brand. In the American West, branding evolved into a complex marking system still in use today. Originally, livestock branding only referred to hot branding large stock with a branding iron, though the term now includes alternative techniques. In this case, the brand was applied to the rear of the tortoises; Livestock branding is a technique for marking livestock so as to identify the owner. Other forms of livestock identification include freeze branding, inner lip or ear tattoos, earmarking, ear tagging, and radio-frequency identification (RFID), which is tagging with a microchip implant b2544012e0

Unlike a barcode, the tag does not need to be within the line of sight of the reader, so it may be embedded in the tracked object. RFID is one method of automatic identification and data capture (AIDC). b2544012e0 The columns were quarried from sandstone near Aquia Creek in Virginia and transported to Washington on a barge. Old identification marks from the quarry are still visible on some stones. b2544012e0

Identity document Israeli law requires every permanent resident above the age of 16, whether a citizen or not, to carry an identification card called te'udat zehut (Hebrew: An identity document (abbreviated as ID) is a document proving a person's identity b2544012e0

Their use as evidence has been challenged by academics, judges and the media. There are no uniform standards for point-counting methods, and... b2544012e0

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