

Title (en)

Device for hot-marking by pad printing of articles made of raw or finished glass or of plastic material

Title (de)

Vorrichtung zum Aufbringen einer Veredelungsfolie auf Artikel aus Roh- oder Fertigglas oder aus Kunststoff mittels eines erhitzten Stempels

Title (fr)

Dispositif de marquage à chaud par tampographie d'articles en verre brut ou parachevé ou en matière plastique

Publication

EP 2374615 A1 20111012 (FR)

Application

EP 11305427 A 20110412

Priority

FR 1052739 A 20100412

Abstract (en)

The device (10) for marking of articles (1) using hot-pads of in the form of raw glass or plastic material, comprises a deformable silicone pad (11) having a hardness of 60 shore and heated at a predetermined temperature of 130[deg] C for applying a paper film (2) on the silk-screened pattern. The articles comprise a silk-screened pattern. After application of deformable pad on each article, the angle formed between a first tangent to the outer surface of the pad and through the longitudinal axis of the article and a second tangent to the outer surface of the article. The device (10) for marking of articles (1) using hot-pads of in the form of raw glass or plastic material, comprises a deformable silicone pad (11) having a hardness of 60 shore and heated at a predetermined temperature of 130[deg] C for applying a paper film (2) on the silk-screened pattern. The articles comprise a silk-screened pattern. After application of deformable pad on each article, the angle formed between a first tangent to the outer surface of the pad and through the longitudinal axis of the article and a second tangent to the outer surface of the article and passing through the point of intersection of the first tangent of the outer surface of the article is 60-70[deg] . The deformable pad is movable between a first position of support on a heater and a second position of application of the film on the article. The heating element is formed by heating a metal plate provided with a controlled electrical resistance. The temperature of the metal plate of the heating element is 200-300[deg] C. The time of application of the pad on each article is 1 second.

Abstract (fr)

L'invention concerne un dispositif de marquage à chaud par tampographie d'articles (1) en verre brut ou parachevé ou en matière plastique, lesdits articles (1) comportant au moins un motif sérigraphié, caractérisé en ce qu'il comprend au moins un tampon déformable (11) à base de silicone de dureté comprise entre 50 et 70 shores, chauffé à une température déterminée pour appliquer un film en papier (2) sur le motif sérigraphié de chaque article (1).

IPC 8 full level

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CPC (source: EP US)

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Citation (search report)

- [I] FR 2691671 A1 19931203 - LIGIER LAURE [FR]
- [A] GB 1343286 A 19740110

Cited by

CN107323075A; CN111688340A

Designated contracting state (EPC)

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DOCDB simple family (application)

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