

Title (en)
PUNCH FOR HOT-STAMPING MACHINE

Title (de)
STEMPEL FÜR HEISSPRÄGEMASCHINE

Title (fr)
POINÇON POUR MACHINE DE MARQUAGE À CHAUD

Publication
EP 4351881 A1 20240417 (FR)

Application
EP 22768926 A 20220610

Priority
• FR 2106213 A 20210611
• IB 2022000361 W 20220610

Abstract (en)
[origin: WO2022259043A1] The invention relates to a punch (10) for imprinting, via an imprinting medium, an object in a hot-stamping machine, characterised in that the punch comprises a first layer (11) of a first material, hereinafter referred to as the base layer, the Shore A hardness of which is less than 50 measured according to ISO 868 or DIN53505 and the thickness of which is greater than 20 mm, and a second layer (12) of a second material, hereinafter referred to as the imprinting layer, the Shore A hardness of which is greater than 50 measured according to ISO 868 or DIN53505 and the thickness of which is less than 5 mm, the second layer being intended to be in contact with the imprinting medium.

IPC 8 full level
B41F 16/00 (2006.01); **B41M 5/035** (2006.01)

CPC (source: EP US)
B41F 16/0026 (2013.01 - EP); **B41F 16/0046** (2013.01 - EP); **B41F 16/0066** (2013.01 - EP US); **B41F 16/008** (2013.01 - EP); **B41F 16/0086** (2013.01 - EP); **B41F 19/064** (2013.01 - EP); **B41P 2219/30** (2013.01 - EP); **B41P 2219/31** (2013.01 - EP US); **B41P 2219/33** (2013.01 - EP US)

Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)
BA ME

Designated validation state (EPC)
KH MA MD TN

DOCDB simple family (publication)
WO 2022259043 A1 20221215; EP 4351881 A1 20240417; MX 2023014844 A 20240308; US 2024278551 A1 20240822

DOCDB simple family (application)
IB 2022000361 W 20220610; EP 22768926 A 20220610; MX 2023014844 A 20220610; US 202218569091 A 20220610