

Title (en)
TECHNIQUE FOR MARKING A PROLATE OBJECT

Title (de)
TECHNIK ZUR KENNZEICHNUNG EINES PROLATEN OBJEKTS

Title (fr)
TECHNIQUE DE MARQUAGE D'UN OBJET ALLONGÉ

Publication
EP 4041558 A1 20220817 (DE)

Application
EP 20781572 A 20201006

Priority
• BE 201905668 A 20191009
• EP 2020077969 W 20201006

Abstract (en)
[origin: WO2021069423A1] The invention relates to a printing system (100, 200) comprising a printer (200) for outputting a printed product (214) and a device (100) for providing a marking (101) that is arranged or can be arranged in a closed circumferential manner around a prolate object. The device (100) comprises a mechanical interface (152) and the printer (200) comprises a mechanical interface (252), which are positively and/or non-positively, preferably magnetically, connected in a fixed state in order to release the positive and/or non-positive, preferably magnetic, connection by means of a planar movement, a partial rotation and/or a change into a released state. The device (100) further comprises a material interface (156) for receiving the printed product (214) output by the printer (200) in the fixed state of the device (100), and at least one actuator (120; 122) for arranging the marking (101) on the object (102) in a circumferentially closed manner or for providing the circumferentially closed arrangement by means of the printed product (214) output by the printer (200) in the fixed state of the device (100).

IPC 8 full level
B41J 3/44 (2006.01); **B65C 3/02** (2006.01); **B65C 11/02** (2006.01)

CPC (source: CN EP US)
B41J 2/315 (2013.01 - CN); **B41J 2/32** (2013.01 - EP US); **B41J 3/407** (2013.01 - CN); **B41J 3/40731** (2020.08 - US); **B41J 3/4075** (2013.01 - CN EP); **B41J 3/44** (2013.01 - EP); **B41J 29/00** (2013.01 - CN); **B65C 3/02** (2013.01 - EP); **B65C 11/0284** (2013.01 - EP); **H01B 13/34** (2013.01 - CN); **H01B 13/344** (2013.01 - CN); **H01B 13/344** (2013.01 - EP)

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

DOCDB simple family (publication)
WO 2021069423 A1 20210415; BE 1027652 A1 20210505; BE 1027652 B1 20210511; CN 114555374 A 20220527; CN 114555374 B 20230919; EP 4041558 A1 20220817; EP 4041558 B1 20230705; ES 2953492 T3 20231113; PL 4041558 T3 20231030; US 12005722 B2 20240611; US 2023015628 A1 20230119

DOCDB simple family (application)
EP 2020077969 W 20201006; BE 201905668 A 20191009; CN 202080071409 A 20201006; EP 20781572 A 20201006; ES 20781572 T 20201006; PL 20781572 T 20201006; US 202017765870 A 20201006