

Title (en)

Machine and method for marking hollow components

Title (de)

Maschine und Verfahren zum Markieren von Formteilen

Title (fr)

Machine et procédé de marquage de pièces de forme

Publication

**EP 1820647 B1 20140115 (FR)**

Application

**EP 07356021 A 20070220**

Priority

FR 0601506 A 20060221

Abstract (en)

[origin: EP1820647A2] The machine has a punch (51), and upstream and downstream mandrels (12, 14) respectively supporting a part to be marked and previously marked part. A monitoring camera (7) is disposed at a focal length of a marked surface of the previously marked part. The mandrel (12) displaces the part to be marked with respect to the punch by rotation around an axis (R12) and by translation parallel to axes (Y16, Z16). The movement of the mandrel (14) is identical to that of the mandrel (12). The camera moves parallel to and synchronized with a tangent line between the unit and part to be marked. An independent claim is also included for a method for marking hollow parts and controlling the quality of marking.

IPC 8 full level

**B41F 15/08** (2006.01)

CPC (source: EP US)

**B41F 15/0877** (2013.01 - EP US); **B41F 17/18** (2013.01 - EP US); **B41F 33/0036** (2013.01 - EP US)

Cited by

US9321256B2; WO2014028619A1

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)

**EP 1820647 A2 20070822**; **EP 1820647 A3 20110309**; **EP 1820647 B1 20140115**; ES 2457844 T3 20140429; FR 2897555 A1 20070824; FR 2897555 B1 20080418; PL 1820647 T3 20140731; US 2007199455 A1 20070830; US 7823505 B2 20101102

DOCDB simple family (application)

**EP 07356021 A 20070220**; ES 07356021 T 20070220; FR 0601506 A 20060221; PL 07356021 T 20070220; US 70806307 A 20070220