

Title (en)

Apparatus and method for marking and labelling

Title (de)

Vorrichtung und Verfahren zum Markieren und Etikettieren

Title (fr)

Machine et procédé de marquage ou d'étiquetage

Publication

**EP 2248725 A1 20101110 (FR)**

Application

**EP 10162019 A 20100505**

Priority

FR 0953019 A 20090506

Abstract (en)

The machine (2) has a marking or labeling element e.g. punch (6), for marking or labeling pieces, and a delivery unit for delivering the pieces to be marked or labeled opposite to the element. The delivery unit has arms (20, 22) rotating about a common geometrical axis (X2) and carrying supporting bodies e.g. mandrels (213, 233), to support the pieces. The delivery unit comprises independent driving units for driving one of the arms to rotate around the axis independent of the other arm. The driving units have a brushless electric motor (30) mounted on a plate (4E) of a chassis (4). An independent claim is also included for a method for marking and labeling pieces.

Abstract (fr)

Cette machine de marquage (2) ou d'étiquetage comprend au moins un organe de marquage (6) ou d'étiquetage et des moyens d'amenée de chaque pièce à marquer ou à étiqueter en regard de cet organe (6). Les moyens d'amenée comprennent au moins deux bras (20, 22) tournant autour d'un premier axe géométrique commun (X 2 ) et portant chacun au moins un organe (213, 233) de support d'une pièce à marquer ou à étiqueter, ainsi que des moyens indépendants (30, 40, 42) d'entraînement de chacun des bras en rotation autour du premier axe géométrique (X 2 ), indépendamment de l'autre bras.

IPC 8 full level

**B65C 9/04** (2006.01); **B41F 17/18** (2006.01)

CPC (source: EP US)

**B41F 17/18** (2013.01 - EP US); **B41P 2219/43** (2013.01 - EP US); **Y10T 156/1039** (2015.01 - EP US); **Y10T 156/171** (2015.01 - EP US); **Y10T 156/1734** (2015.01 - EP US); **Y10T 156/1744** (2015.01 - EP US); **Y10T 156/1795** (2015.01 - EP US)

Citation (applicant)

- WO 2008142225 A2 20081127 - CER [FR], et al
- GB 1558536 A 19800103 - KAMMANN W

Citation (search report)

- [X] GB 1558536 A 19800103 - KAMMANN W
- [A] EP 1518675 A1 20050330 - DUBUIT MACH [FR]
- [A] EP 0979731 A1 20000216 - DUBUIT MACH [FR]
- [AD] WO 2008142225 A2 20081127 - CER [FR], et al

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FR3035612A1; WO2016176068A1

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 SE SI SK SM TR

Designated extension state (EPC)

BA ME RS

DOCDB simple family (publication)

**EP 2248725 A1 20101110; EP 2248725 B1 20120229**; AT E547330 T1 20120315; BR PI1002385 A2 20150922; BR PI1002385 B1 20200811; ES 2382532 T3 20120611; FR 2945237 A1 20101112; FR 2945237 B1 20160603; RU 2010118061 A 20111110; RU 2526673 C2 20140827; US 2010282402 A1 20101111; US 8443861 B2 20130521

DOCDB simple family (application)

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