

Title (en)
MULTI-PUNCH PRESS

Title (de)
MEHRFACHLOCHPRESSE

Title (fr)
PRESSE À MULTIPLES POINÇONS

Publication
EP 3148723 B1 20210421 (EN)

Application
EP 15732374 A 20150518

Priority
• IT MO20140151 A 20140527
• IB 2015053641 W 20150518

Abstract (en)
[origin: WO2015181672A1] A multiple-punch press (1) is disclosed for forming crown caps from sheets of metal, wherein a closed-loop conveyor (10), which is controlled by an electric motor (21) to move in an indexed manner, has gripping members (12) that take a sheet and supply the sheet (2) to a punching unit (11) that comprises two rows of punches that are parallel and staggered in relation to one another and opens and closes cyclically, controlled by another motor (22), shearing the sheet and forming at each blow two rows of caps.

IPC 8 full level
B21D 28/06 (2006.01); **B21D 43/11** (2006.01); **B21D 51/44** (2006.01)

CPC (source: CN EP)
B21D 28/06 (2013.01 - CN EP); **B21D 43/11** (2013.01 - CN EP); **B21D 51/44** (2013.01 - CN 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

DOCDB simple family (publication)
WO 2015181672 A1 20151203; BR 112016026082 B1 20210518; CN 106457349 A 20170222; CN 106457349 B 20191210; EP 3148723 A1 20170405; EP 3148723 B1 20210421; MX 2016015485 A 20170323

DOCDB simple family (application)
IB 2015053641 W 20150518; BR 112016026082 A 20150518; CN 201580026597 A 20150518; EP 15732374 A 20150518; MX 2016015485 A 20150518