

Title (en)
METHOD FOR HOT-FORMING A PIECE WITH A MECHANICAL PRESS

Title (de)
VERFAHREN FUR WARMUMFORMEN MIT EINER MECHANISCHEN PRESSE

Title (fr)
PROCEDE DE FORMAGE A CHAUD AVEC UNE PRESSE MECANIQUE

Publication
EP 2727714 A2 20140507 (EN)

Application
EP 13382392 A 20131004

Priority
ES 201231658 A 20121030

Abstract (en)
Mechanical press adapted for forming processes, comprising a top die and a bottom die adapted for forming a piece between both, a motor for causing the movement of at least one of them with respect to the other, a crankshaft coupled to the motor, and a mechanism transforming the rotary movement of the crankshaft into linear movement of said die. The press further comprises a hydraulic chamber (4) for damping or absorbing possible overloads during forming, and an actuator device for causing at least part of the fluid present in the hydraulic chamber (4) to be discharged when the press is at bottom dead center in which the piece is formed between the dies, and causing at least part of said fluid to return to the hydraulic chamber (4) once the press leaves bottom dead center.

IPC 8 full level
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CPC (source: EP ES)
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Citation (applicant)
US 2012192615 A1 20120802 - MARTINEZ ORTIZ DEL RIO INAKI [ES], et al

Cited by
DE202021106401U1

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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

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BA ME

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EP 2727714 A2 20140507; **EP 2727714 A3 20180110**; **EP 2727714 B1 20190515**; CN 103786359 A 20140514; CN 103786359 B 20170315; ES 2458269 A1 20140430; ES 2458269 B1 20150203; ES 2728145 T3 20191022

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