Title (en)
A SERVO HYDRAULIC PRESS

Title (de)
SERVOHYDRAULISCHE PRESSE

Title (fr)
PRESSE SERVO-HYDRAULIQUE

Publication
EP 2632705 A1 20130904 (EN)

Application
EP 11727931 A 20110509

Priority
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• EP 2011057395 W 20110509

Abstract (en)
[origin: WO2012055579A1] A press comprising at least one cylinder (10); a main servo motor (40) and a first hydraulic pump (41) which is driven by said main servo motor (40), whose one output is connected through hydraulic lines (43, 44, 54) to said upper chamber (14) and whose other output is connected hydraulically through hydraulic lines (43, 44, 54) to said lower chamber (15); one auxiliary servo motor (50) and a second hydraulic pump (51) which is driven by the auxiliary servo motor (50) and whose one output is connected to the lower chamber (15) through a hydraulic line (53, 55) and to the input of said first hydraulic pump (41) through another hydraulic line (53, 43); and an electronic control unit which adjusts the velocities and directions of the main and auxiliary servo motors (40, 50) according to the requirements in the free fall, pressing and return steps.

IPC 8 full level
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CPC (source: EP)
B30B 15/16 (2013.01); **B30B 15/24** (2013.01); **F15B 7/006** (2013.01); F15B 2211/20515 (2013.01); F15B 2211/20546 (2013.01); F15B 2211/20561 (2013.01); F15B 2211/20576 (2013.01); F15B 2211/27 (2013.01); F15B 2211/7053 (2013.01); F15B 2211/7107 (2013.01); F15B 2211/785 (2013.01)

Citation (search report)
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