

Title (en)  
PRESS MACHINE

Title (de)  
PRESSMASCHINE

Title (fr)  
PRESSE

Publication  
**EP 3708351 A1 20200916 (EN)**

Application  
**EP 20158428 A 20200220**

Priority  
JP 2019043379 A 20190311

Abstract (en)  
A press machine whose parallelism between the lower surface of a ram and the upper surface of a bolster is improved at lower costs is provided. In a press machine 10 of the present disclosure, movable bases 50 are mounted on the front surface of a ram supporting wall 34 above a bolster 32 in a supporting frame 11. A pair of rails 51 is provided to the front surface of each movable base 50. Sliders 52 engaging with the rails 51 are fixed to the rear surface of the ram 20. Each movable base 50 is supported so as to be capable of tilting in the lateral direction about a coupling pin 70, and fixed to any desired tilted position by fixing bolts B1.

IPC 8 full level  
**B30B 15/04** (2006.01); **B30B 15/00** (2006.01)

CPC (source: EP)  
**B30B 15/007** (2013.01); **B30B 15/041** (2013.01)

Citation (applicant)  
JP H04123900 A 19920423 - AIDA ENG LTD

Citation (search report)  
• [XA] JP S6167600 A 19860407 - AMADA CO LTD  
• [X] JP H1147993 A 19990223 - AIDA ENG LTD  
• [A] JP H0910998 A 19970114 - AIDA ENG LTD  
• [A] US 2003024295 A1 20030206 - DANIEL EDWARD A [US]  
• [A] JP H09262884 A 19971007 - JAPAN STEEL WORKS LTD

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

Designated extension state (EPC)  
BA ME

DOCDB simple family (publication)  
**EP 3708351 A1 20200916**; **EP 3708351 B1 20220420**; JP 2020146688 A 20200917; JP 6549810 B1 20190724

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