

Title (en)  
PRESS MACHINE AND PRESS-WORKING METHOD

Title (de)  
PRESSMASCHINE UND PRESSBEARBEITUNGSVERFAHREN

Title (fr)  
MACHINE DE PRESSE ET PROCÉDÉ DE TRAVAIL À LA PRESSE

Publication  
**EP 3738757 A4 20210324 (EN)**

Application  
**EP 19738962 A 20190110**

Priority  
• JP 2018002471 A 20180111  
• JP 2019000450 W 20190110

Abstract (en)  
[origin: EP3738757A1] In a press machine, a ram (1) is vertically moved by rotations of an eccentric shaft. The press machine includes a striker housing (9) provided beneath the ram (1) and vertically moved together with the ram (1), a striker (3) vertically movable with respect to the striker housing (9), and a hold mechanism (11, 13, 15, 19, 21, 25) for holding the striker (3) at a lift-up position and a lift-down position. According to the press machine, press working can be done surely even when reciprocating rotations of the eccentric shaft are done in a vicinity of a rotational angle 90° (or 270°) of the eccentric shaft.

IPC 8 full level  
**B21D 28/20** (2006.01); **B21D 28/34** (2006.01); **B30B 1/26** (2006.01); **B30B 15/00** (2006.01); **B30B 15/06** (2006.01)

CPC (source: EP)  
**B21D 28/002** (2013.01); **B30B 1/26** (2013.01); **B30B 15/0035** (2013.01); **B30B 15/06** (2013.01)

Citation (search report)  
• [X] SU 1425093 A1 19880923 - YAKOVISHIN YAROSLAV N [SU], et al  
• [X] SU 977194 A1 19821130 - VORONEZH PROIZV OB VYPUSK [SU]  
• [A] JP 2002045995 A 20020212 - AMADA ENG CT CO LTD, et al  
• [A] US 5131303 A 19920721 - WILSON KENNETH J [US], et al  
• See references of WO 2019139064A1

Designated contracting state (EPC)  
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