

Title (en)  
ROLL PRESS

Title (de)  
WALZENPRESSE

Title (fr)  
PRESSE A CYLINDRES

Publication  
**EP 0571582 B1 19960717 (DE)**

Application  
**EP 92924564 A 19921210**

Priority  
• DE 9201030 W 19921210  
• DE 4140876 A 19911211

Abstract (en)  
[origin: WO9312290A1] Two press rolls (1, 3), the axes of which are in a pressing plane (E), together form a press gap. The two press rolls (1, 3) are supported in pillow blocks (5, 6) which are coupled together in pairs by means of releasable tension rods (7, 8) which transmit the pressing force. At zero pressing force, the tension rods (7, 8) are prestressed at a maximum of a fraction of the maximum pressing force. One pillow block (6) can move along the pressing plane (E) in relation to the other (5) so that, with the roll press in the loaded state, there is a distance (p) between the pillow blocks (5, 6) which, viewed in the axial direction, are mutually guided with the aid of a pair of guide surfaces (24, 25) running parallel to the press plane (E) and near the pressing gap.

IPC 1-7  
**D21F 3/02**; **D21F 3/04**; **D21F 7/00**

IPC 8 full level  
**D21F 3/02** (2006.01); **D21F 3/04** (2006.01); **D21F 3/06** (2006.01); **D21F 7/00** (2006.01)

CPC (source: EP US)  
**D21F 3/0218** (2013.01 - EP US); **D21F 3/0245** (2013.01 - EP US); **D21F 3/045** (2013.01 - EP US); **D21F 7/001** (2013.01 - EP US)

Cited by  
DE102008016000B3; US5895620A

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AT DE FR GB IT SE

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**WO 9312290 A1 19930624**; AT E140496 T1 19960815; CA 2103820 A1 19930612; CA 2103820 C 20040601; DE 4140876 A1 19930617; DE 4140876 C2 19940421; DE 59206787 D1 19960822; EP 0571582 A1 19931201; EP 0571582 B1 19960717; FI 104909 B 20000428; FI 933524 A0 19930810; FI 933524 A 19930810; JP H06509848 A 19941102; US 5385088 A 19950131

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