

Title (en)

Continuous press with low-friction sliding device.

Title (de)

Kontinuierliche Presse mit reibungsarmer Gleiteinrichtung.

Title (fr)

Presse continue avec un dispositif de glissement à faible frottement.

Publication

EP 0492683 B1 19950726 (EN)

Application

EP 91203071 A 19911123

Priority

IT 2250990 A 19901221

Abstract (en)

[origin: EP0492683A2] A continuous press device comprises metal belts (14, 15) shaped into a ring which slide with their sections facing each other and each close to a plate (12, 13) of a press. Disposed between each plate (12, 13) of the press and the respective section of belt (14, 15) are supporting devices (17, 18) to enable it to slide with a minimum of friction. Each sliding device (17, 18) comprises a plurality of parallel pins (21, 21') each being provided with a row of roller bearings (22, 22'). Rollers (25, 25') are freely supported to rest on each adjacent row of bearings (22, 22') and on the relative section of the belt (14, 15) facing the plate of the press. Moreover, in axial passages in the rollers (25, 25') heat is generated in material (16) which is subjected to pressure between the belts (14, 15) by means of heating elements (16, 26') or by the direct flow of heated fluid.
<IMAGE>

IPC 1-7

B30B 5/06

IPC 8 full level

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Cited by

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EP 0492683 A2 19920701; EP 0492683 A3 19921014; EP 0492683 B1 19950726; AT E125488 T1 19950815; DE 69111585 D1 19950831; DE 69111585 T2 19960111; IT 1246728 B 19941126; IT 9022509 A0 19901221; IT 9022509 A1 19920621

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