

Title (en)

DOUBLE-BELT PRESS FOR A CONTINUOUSLY ADVANCING WEB OF MATERIAL

Publication

EP 0184767 B1 19880427 (DE)

Application

EP 85115387 A 19851204

Priority

DE 3445636 A 19841214

Abstract (en)

[origin: US4711168A] A double band press is used for processing a continuous sheet material passing through the press. The press includes a rigid press frame including reversing drums mounted in bearing supports on the frame. An upper and a lower endless press belt run over different ones of the drums and each press belt in combination with a pressure plate and sliding seal form a pressure chamber for exerting pressure against a reaction zone located between adjacent runs of the press belts. The sliding seal is positioned within a groove in the pressure plate and is displaceable and is pressed toward the inner surface of the press belt. A fluid pressure medium in the pressure chamber provides the pressing action on the press belt. The sliding seal includes a metal body with a surface facing the inner surface of the press belt and a dry surface layer is provided in the surface facing the press belt so that the dry surface layer is in sliding frictional contact with the press belt.

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B30B 5/06

IPC 8 full level

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CPC (source: EP US)

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Cited by

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EP 0184767 A1 19860618; **EP 0184767 B1 19880427**; CN 85108832 A 19860610; CN 85108832 B 19881102; DE 3445636 A1 19860619; DE 3445636 C2 19930519; JP H0242316 B2 19900921; JP S61144298 A 19860701; RU 2071422 C1 19970110; US 4711168 A 19871208

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