

Title (en)
RUBBING SURFACE PACKING OF A DOUBLE BELT PRESS

Publication
EP 0176883 B1 19890315 (DE)

Application
EP 85111898 A 19850920

Priority
DE 3436158 A 19841003

Abstract (en)
[origin: US4665818A] In a double band press each of the press belts has an associated pressure chamber in which fluid pressure medium acts to pressurize the sheet form material passed between the press belts. Each pressure chamber is formed by a pressure plate, the associated press belt and a sliding surface seal mounted in a groove in the pressure plate with the seal in sliding contact with the press belt. The sliding surface seal is secured within a retaining member fitted with narrow play into a groove in the pressure plate. Each press belt extends horizontally between a pair of spaced rollers. The retaining member is vertically displaceable within the groove. Support members located within the pressure chamber secure the retaining member to the pressure plate. A groove seal in the form of an O-ring is located between the base of the groove and the retaining member and is in contact with the opposite sides of the groove. connecting passageways extend between the pressure chamber and the base of the groove so that the fluid pressure medium within the pressure chamber has access to the base of the groove.

IPC 1-7
B27N 3/24; **B30B 5/06**

IPC 8 full level
B29C 43/48 (2006.01); **B30B 5/06** (2006.01)

CPC (source: EP US)
B30B 5/062 (2013.01 - EP US); **Y10T 156/1741** (2015.01 - EP US)

Cited by
CN111607917A; EP0255596A1

Designated contracting state (EPC)
FR GB IT SE

DOCDB simple family (publication)
EP 0176883 A1 19860409; **EP 0176883 B1 19890315**; **EP 0176883 B2 19940406**; DE 3436158 A1 19860410; DE 3436158 C2 19930617; JP H0242315 B2 19900921; JP S6186098 A 19860501; US 4665818 A 19870519

DOCDB simple family (application)
EP 85111898 A 19850920; DE 3436158 A 19841003; JP 21931385 A 19851003; US 78341685 A 19851003