

Title (en)
PRESS

Title (de)
PRESSVORRICHTUNG

Title (fr)
PRESSE

Publication
EP 0760031 A1 19970305 (DE)

Application
EP 95920046 A 19950516

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• DE 4417760 A 19940520
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Abstract (en)
[origin: DE4417760A1] A press for dewatering a paper web has two press-rollers (14, 16) that form a pressing slit (12). The first press-roller (14) is fixed in the axial direction at least at one end and is held with its journals (53) on first bearing blocks (19). The second press-roller (16) is also held with its journals (55) on second bearing blocks (21a). The second bearing blocks (21a) may be clamped in pairs by means of flexible elastic tensioning means (26) in relation to the first bearing blocks (19). The tensioning means (26) allow relative movement of the press-rollers (14, 16) in the axial direction. The second bearing blocks (21a) are fixed in position in relation to the first bearing blocks (19) in order to avoid excessive bending stresses of the tensioning means (26). For that purpose, the rotary bearings (25a) of the second press-roller (16) are designed not to tilt or additional support bearings (27a) are provided.

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IPC 8 full level
D21F 3/04 (2006.01); **D21F 3/02** (2006.01); **D21F 3/08** (2006.01); **F16C 13/02** (2006.01)

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DE 4417760 A1 19951123; **DE 4417760 C2 19990325**; CA 2189437 A1 19951130; EP 0760031 A1 19970305; EP 0760031 B1 19990804; FI 112264 B 20031114; FI 964609 A0 19961118; FI 964609 A 19961118; JP H10500457 A 19980113; US 5865112 A 19990202; WO 9532333 A1 19951130

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