

Title (en)  
Extended-nip press

Title (de)  
Langspaltpresse

Title (fr)  
Presse à ligne de contact élargie

Publication  
**EP 1619299 B1 20090311 (DE)**

Application  
**EP 05015276 A 20050714**

Priority  
• DE 102004035092 A 20040720  
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Abstract (en)  
[origin: EP1619299A1] The long gap press between a shoe press roller and a counter roller, to press the moving web at a papermaking machine, has a shoe press roller with a fixed carrier (4) and a rotating flexible roller mantle (5). The ends of the mantle are supported on the carrier by end disks (6), with roller bearings (16) running on bearing rings (18) at the roller journals (12) The bearing rings have an axial sliding movement on bearing sleeves (20). The rings and sleeves form an axial double-action piston/cylinder unit, with the pressure zones (23,24) connected to pressure lines (27,28) to shift the bearing rings by selective pressure.

IPC 8 full level  
**D21F 3/02** (2006.01)

CPC (source: EP)  
**D21F 3/0218** (2013.01); **D21F 3/0245** (2013.01)

Cited by  
EP1801285A1; EP3733962A1; EP3733961A1; CN111851110A; CN111851112A

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DOCDB simple family (publication)  
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