

Title (en)
Shoe press

Title (de)
Schuhpresseinheit

Title (fr)
Patin de pressage

Publication
EP 0870865 A3 19990210 (DE)

Application
EP 98101781 A 19980203

Priority
DE 19714939 A 19970410

Abstract (en)
[origin: EP0870865A2] A shoe press unit, for a papermaking or cardboard production machine, includes a pair of cylinder/piston sub-units (28,30) acting as at least one force unit (22) in the pressure zone (26) of the cylinder/piston unit, and being positioned in succession along the direction (L) of web travel, and having separate pressure fluid feeds (32,34) to give the press shoe (16) a pull-out torque round an axis, positioned at right angles to the direction (L) of web travel.

IPC 1-7
D21F 3/02

IPC 8 full level
D21F 3/02 (2006.01)

CPC (source: EP US)
D21F 3/0218 (2013.01 - EP US)

Citation (search report)

- [A] DE 3336462 A1 19840419 - VALMET OY [FI]
- [A] DE 4425915 A1 19960201 - VOITH SULZER PAPIERMASCH GMBH [DE]
- [A] US 5167768 A 19921201 - CRONIN DENNIS C [US], et al
- [PA] US 5650048 A 19970722 - SWIETLIK FRANCIS X [US]

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EP0896088A3

Designated contracting state (EPC)
AT BE CH DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)
EP 0870865 A2 19981014; EP 0870865 A3 19990210; DE 19714939 A1 19981015; JP H10292285 A 19981104; US 6036820 A 20000314

DOCDB simple family (application)
EP 98101781 A 19980203; DE 19714939 A 19970410; JP 9702598 A 19980409; US 5754798 A 19980409