

Title (en)
Press and suction element

Title (de)
Pressanordnung und Saugelement

Title (fr)
Presse et caisse d'aspiration

Publication
EP 1247894 A3 20030102 (DE)

Application
EP 02007027 A 20020327

Priority
• DE 20106685 U 20010402
• DE 10116364 A 20010402

Abstract (en)
[origin: EP1247894A2] A paper (1) manufacture de-watering press has two rollers (2, 3) between which the wet web advances in contact on both sides with upper and lower press felts (4, 5). After the rollers (4, 5), the web (1) passes to an air suction box (7) and roller (6). On arrival at the suction box, the upper felt (4) lifts clear of the box. The pre-suction box roller (6) is an air suction roller. The suction box has a downward-inclined convex side-profile with a sharp initial camber and has a number of air suction slots (9) transverse to the direction of web travel.

IPC 1-7
D21F 1/48; **D21F 1/52**; **D21F 3/02**

IPC 8 full level
D21F 3/02 (2006.01)

CPC (source: EP)
D21F 3/0272 (2013.01); **D21F 3/045** (2013.01)

Citation (search report)
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• [X] US 5320713 A 19940614 - BUBIK ALFRED [DE], et al
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EP1505206A1; EP1884589A1

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

DOCDB simple family (publication)
EP 1247894 A2 20021009; **EP 1247894 A3 20030102**; **EP 1247894 B1 20060517**; AT E326576 T1 20060615; DE 50206776 D1 20060622

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