

Title (en)

Papermaking apparatus for pressing and drying a web

Title (de)

Papiermaschine zum Pressen und Trocknen einer Faserstoffbahn

Title (fr)

Machine à papier pour presser et essorer une matière fibreuse

Publication

EP 0665328 B1 19990331 (EN)

Application

EP 95200680 A 19911010

Priority

- EP 91630081 A 19911010
- US 59591090 A 19901011

Abstract (en)

[origin: EP0480868A1] A fabric (10) is disclosed for supporting a web in a papermaking machine. The fabric (10) includes a base(14) which defines a first and a second side(16, 18). The base(14) includes a plurality of hydrophobic filaments (20,22), and a first layer of fibers (24) is disposed contiguously relative to the first side(16) with the first layer of fibers (24)being applied onto the first side(16) of the base(14). A second layer of fibers (26) is disposed contiguously relative to the second side(18) of the base(14) with the second layer of fibers (26) being applied onto the second side(18) of the base(14). At least one of the layers of fibers (24, 26) includes a mixture of hydrophobic and hydrophilic fibers. The layers(24,26) and the base(14) are combined such that the fabric(10) has a low permeability permitting water to be absorbed thereby while inhibiting rewetting of the web. <IMAGE>

IPC 1-7

D21F 3/02

IPC 8 full level

B32B 27/12 (2006.01); **D03D 15/00** (2006.01); **D21F 3/02** (2006.01); **D21F 3/04** (2006.01); **D21F 7/08** (2006.01)

CPC (source: EP)

D21F 3/045 (2013.01); **D21F 7/083** (2013.01)

Cited by

EP2133465A1; AU2004303857B2; AU2004303857C1; AT508814A3; AT508814B1; WO03046279A1; WO2005061788A1; WO2009156593A1

Designated contracting state (EPC)

DE FR GB IT SE

DOCDB simple family (publication)

EP 0480868 A1 19920415; **EP 0480868 B1 19970423**; CA 2053088 A1 19920412; CA 2053088 C 19971014; DE 69125781 D1 19970528; DE 69125781 T2 19970904; DE 69131077 D1 19990506; DE 69131077 T2 19990930; EP 0665328 A1 19950802; EP 0665328 B1 19990331; JP H04281092 A 19921006; JP H07113197 B2 19951206

DOCDB simple family (application)

EP 91630081 A 19911010; CA 2053088 A 19911009; DE 69125781 T 19911010; DE 69131077 T 19911010; EP 95200680 A 19911010; JP 25998591 A 19911008