

Title (en)
PAPER-MACHINE FELT.

Title (de)
PAPIERMASCHINENFILZ.

Title (fr)
FEUTRE POUR MACHINE A PAPIER.

Publication
EP 0685008 A1 19951206 (DE)

Application
EP 94929527 A 19941010

Priority
• DE 4343067 A 19931216
• DE 4434898 A 19940929
• EP 9403337 W 19941010

Abstract (en)
[origin: US5783501A] PCT No. PCT/EP94/03337 Sec. 371 Date Aug. 14, 1995 Sec. 102(e) Date Aug. 14, 1995 PCT Filed Oct. 10, 1994 PCT Pub. No. WO95/16810 PCT Pub. Date Jun. 22, 1995 The invention relates to postcondensed paper machine felts comprising a polyamide base fabric and a polyamide coating needled thereon, the paper machine felts having a relative solution viscosity in sulfuric acid in accordance with the DIN 53,727 standard of 5 or more. The invention further relates to a method of increasing the molecular weight of paper machine felts which comprises impregnating the paper machine felts with a solution of postcondensation catalysts, followed by drying and thermally postcondensing the felts below the melting point of the polyamide in a solid phase by the exclusion of oxygen.

IPC 1-7
D04H 1/42; D04H 13/00

IPC 8 full level
D04H 1/42 (2012.01); **D04H 1/4334** (2012.01); **D04H 1/498** (2012.01); **D04H 1/60** (2006.01); **D04H 1/645** (2012.01); **D04H 13/00** (2006.01); **D21F 7/08** (2006.01)

CPC (source: EP US)
D04H 1/4334 (2013.01 - EP US); **D04H 1/498** (2013.01 - EP US); **D04H 1/60** (2013.01 - EP US); **D04H 1/645** (2013.01 - EP US); **D04H 13/00** (2013.01 - EP US); **D21F 7/083** (2013.01 - EP US); **Y10S 162/90** (2013.01 - EP US); **Y10S 162/902** (2013.01 - EP US); **Y10T 442/197** (2015.04 - EP US); **Y10T 442/198** (2015.04 - EP US); **Y10T 442/3098** (2015.04 - EP US); **Y10T 442/3146** (2015.04 - EP US); **Y10T 442/3154** (2015.04 - EP US); **Y10T 442/3163** (2015.04 - EP US)

Cited by
EP2188421A1

Designated contracting state (EPC)
AT CH DE FR LI SE

DOCDB simple family (publication)
US 5783501 A 19980721; AT E166400 T1 19980615; CA 2156294 A1 19950622; CA 2156294 C 20010710; EP 0685008 A1 19951206; EP 0685008 B1 19980520; FI 105836 B 20001013; FI 953875 A0 19950816; FI 953875 A 19950816; JP H08506863 A 19960723; WO 9516810 A1 19950622

DOCDB simple family (application)
US 50520695 A 19950814; AT 94929527 T 19941010; CA 2156294 A 19941010; EP 9403337 W 19941010; EP 94929527 A 19941010; FI 953875 A 19950816; JP 51648094 A 19941010