

Title (en)
PAPERMAKING FELT

Title (de)
PAPIERMASCHINENBESPANNSTOFF

Title (fr)
FEUTRE SERVANT À FABRIQUER DU PAPIER

Publication
EP 2042653 A1 20090401 (EN)

Application
EP 07768211 A 20070705

Priority
• JP 2007063462 W 20070705
• JP 2006186296 A 20060706

Abstract (en)
A felt (100) for papermaking comprises two or more bases of one type or different types and batt fibers including core-in-sheath composite fibers and integrally intertwined with one surface or both surfaces of the bases by needling. At least one of the bases is formed of twisted yarns comprising soft-twisted warp yarns or weft yarns including core-in-sheath composite fibers. The felt has a good water squeezing ability, an excellent wet paper web smoothing ability, a good compression rate, a good recovery ratio, and a good ability to sustaining the recovery ratio upon pressurization, and, in particular, an excellent fiber removal resisting ability. The felt is thus suitable for use in a high-speed papermaking machine.

IPC 8 full level
D21F 7/08 (2006.01)

CPC (source: EP KR)
D21F 7/08 (2013.01 - KR); **D21F 7/083** (2013.01 - EP)

Citation (search report)
See references of WO 2008004622A1

Cited by
US2011312239A1; WO2014124111A1; US8961742B2; US9404218B2

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CH DE FI FR LI SE

Designated extension state (EPC)
AL BA HR MK RS

DOCDB simple family (publication)
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