

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

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

Designated extension state (EPC)  
AL BA HR MK RS

DOCDB simple family (publication)  
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