

Title (en)
Woven paper maker fabric

Title (de)
Gewebe Papiermaschinenbespannung

Title (fr)
Tissu tissé pour machine à papier

Publication
EP 2314762 A1 20110427 (EN)

Application
EP 09013403 A 20091023

Priority
EP 09013403 A 20091023

Abstract (en)
A paper maker fabric (1, 21, 31, 41) having a first fabric layer (2) made of first threads (4, 5, 6) and a second fabric layer (3) made of second threads being connected by first binder threads (6) extending in one direction being divided into first basic threads (5) forming a plain weave with the first threads (4), and into the first binder threads (6) forming a plain weave with the first threads (4) section-wise, the first binder threads (6) bind one second thread (9) at binder points (7, 8) on the outside, wherein first threads (4) extending transversely to the first binder threads (6) are not bound at the binding points (7, 8), the number of which exceeds the number of the second threads being bound there by the number of at least two, wherein only one single binder thread (6) is provided between two adjacent first basic threads (5) respectively.

IPC 8 full level
D21F 1/00 (2006.01)

CPC (source: EP KR)
D03D 1/00 (2013.01 - KR); **D03D 11/00** (2013.01 - KR); **D03D 15/00** (2013.01 - KR); **D21F 1/0045** (2013.01 - EP KR)

Citation (applicant)
• WO 2005014926 A1 20050217 - VOITH FABRICS PATENT GMBH [DE], et al
• WO 2005017254 A1 20050224 - VOITH FABRICS PATENT GMBH [DE], et al
• WO 2006083604 A1 20060810 - ALBANY INT CORP [US], et al
• EP 0794283 A1 19970910 - SEABROOK RONALD H [CA], et al
• EP 1693506 B1 20080521 - WEAVERX CORP [US]
• EP 1586696 B1 20081126 - VOITH PATENT GMBH [DE]
• EP 0998607 B1 20020403 - ASTENJOHNSON INC [CA]
• EP 1506339 B1 20070404 - TAMFELT OYJ ABP [FI]

Citation (search report)
• [X] DE 3305713 C1 19840419 - WANGNER GMBH CO KG HERMANN
• [A] EP 1936024 A1 20080625 - VOITH PATENT GMBH [DE]
• [A] GB 2022638 A 19791219 - NORDISKAFILT AB
• [A] US 5826627 A 19981027 - SEABROOK RONALD H [CA], et al

Cited by
WO2017093614A1; EP2584091A1; US8640741B2; EP2899311A1; US9745696B2

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO SE SI SK SM TR

Designated extension state (EPC)
AL BA RS

DOCDB simple family (publication)
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DOCDB simple family (application)
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