

Title (en)

Paper machine fabric with release coating

Title (de)

Papiermaschinenbespannung mit Antihafbeschichtung

Title (fr)

Toile de machine à papier dotée d'un revêtement antiadhérent

Publication

EP 1808528 A1 20070718 (EN)

Application

EP 07100593 A 20070116

Priority

US 75965006 P 20060117

Abstract (en)

A paper machine fabric INCLUDES A fabric having a roll side and a paper side and a surface matrix on the paper side; and a chrome complex treatment in the surface matrix. The chrome complex treatment chemically reacts with the surface matrix and orients hydrophobic organic chains away from the surface of the fabric and thereby provides enhanced release property.

IPC 8 full level

D21F 1/00 (2006.01); **D21F 7/08** (2006.01)

CPC (source: EP US)

D21F 1/0027 (2013.01 - EP US); **D21F 1/0036** (2013.01 - EP US); **D21F 7/083** (2013.01 - EP US); **D21F 7/086** (2013.01 - EP US); **Y10T 442/60** (2015.04 - EP US)

Citation (applicant)

- US 6017417 A 20000125 - WENDT GREG ARTHUR [US], et al
- US 6331230 B1 20011218 - HERMANS MICHAEL ALAN [US], et al
- WO 0144568 A1 20010621 - VALMET KARLSTAD AB [SE], et al
- US 4759976 A 19880726 - DUTT WILLIAM H [US]
- US 3839142 A 19741001 - CLARKE D, et al

Citation (search report)

- [XA] US 4759976 A 19880726 - DUTT WILLIAM H [US]
- [A] US 3839142 A 19741001 - CLARKE D, et al

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

Designated extension state (EPC)

AL BA HR MK YU

DOCDB simple family (publication)

EP 1808528 A1 20070718; US 2007167099 A1 20070719

DOCDB simple family (application)

EP 07100593 A 20070116; US 65429807 A 20070117