

Title (en)

METHOD OF FORMING A SIEVE FOR THE WET END SECTION OF A PAPER MACHINE

Title (de)

VERFAHREN ZUR HERSTELLUNG EINES FORMIERSIEBES FÜR DIE NASSPARTIE EINER PAPIERMASCHINE

Title (fr)

PROCEDE PERMETTANT DE FORMER UNE TOILE POUR LA PARTIE HUMIDE D'UNE MACHINE A PAPIER

Publication

EP 1751348 B1 20121114 (EN)

Application

EP 05736013 A 20050503

Priority

- EP 2005004787 W 20050503
- DE 202004008078 U 20040519
- DE 202004009300 U 20040611

Abstract (en)

[origin: WO2005111302A1] A sieve for the wet-end section of a paper machine is described, in which the sieve has been compressed by at least one of increased temperature, pressure and/or moisture. Such a treatment leads to a sieve which has at least one side wherein the thread floats and knuckles are reshaped and the sieve presents at least one substantially flatter surface for the production of paper. This process does not cause any physical damage to the surface of the sieve, as current techniques of abrasively polishing the surface do, and therefore leads to cloths with improved properties and lifetimes.

IPC 8 full level

D21F 1/00 (2006.01); **B07B 1/46** (2006.01)

CPC (source: EP KR)

B07B 1/4618 (2013.01 - EP KR); **B07B 1/4672** (2013.01 - EP KR); **D21F 1/0027** (2013.01 - EP KR); **Y10S 162/903** (2013.01 - KR)

Cited by

US10907281B2; WO2016120300A1

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 MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)

WO 2005111302 A1 20051124; AU 2005243513 A1 20051124; AU 2005243513 B2 20091112; BR PI0511194 A 20080122; CA 2566520 A1 20051124; CA 2566520 C 20120814; EP 1751348 A1 20070214; EP 1751348 B1 20121114; JP 2007538164 A 20071227; JP 4650905 B2 20110316; KR 101114959 B1 20120306; KR 20070044806 A 20070430

DOCDB simple family (application)

EP 2005004787 W 20050503; AU 2005243513 A 20050503; BR PI0511194 A 20050503; CA 2566520 A 20050503; EP 05736013 A 20050503; JP 2007517015 A 20050503; KR 20067024045 A 20061116