

Title (en)
BELT FOR PAPER MACHINE

Title (de)
PAPIERMASCHINENBAND

Title (fr)
BANDE POUR MACHINE A PAPIER

Publication
EP 2129829 B1 20100811 (DE)

Application
EP 08709011 A 20080215

Priority
• EP 2008051821 W 20080215
• DE 102007008500 A 20070221

Abstract (en)
[origin: US2010032120A1] The invention is an endless belt for a machine for the production of a fibrous material web, the belt being formed by a flat woven structure and a connecting region. The flat woven structure has longitudinal threads extending in the MD direction and transverse threads extending in the CMD direction. Every longitudinal thread, has a first thread end section, which protrudes beyond the first end of the woven structure, and a second thread end section, which protrudes beyond the second end of the woven structure. The two ends of the flat woven structure are connected to each other by the connecting region, which is formed by weaving the first and second end sections of the longitudinal threads to the second transverse threads, thereby forming a plurality of pairs of a first and a second thread end section, wherein the two thread end sections are disposed directly adjacent to each other and the two thread end sections form a common overlapping region in that the first and second end sections of the pair are woven with the at least consecutive second transverse threads, and the two end sections of the pair follow the same weaving path in the overlapping region.

IPC 8 full level
D21F 1/00 (2006.01); **D21F 3/02** (2006.01)

CPC (source: EP KR US)
D21F 1/0054 (2013.01 - EP US); **D21F 3/00** (2013.01 - KR); **D21F 3/02** (2013.01 - KR); **D21F 3/0209** (2013.01 - EP US);
D21F 3/0272 (2013.01 - EP US)

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 MT NL NO PL PT RO SE SI SK TR

DOCDB simple family (publication)
US 2010032120 A1 20100211; AT E477369 T1 20100815; BR PI0807307 A2 20140506; CA 2679296 A1 20080828; CN 101680177 A 20100324; DE 102007008500 A1 20080828; DE 502008001124 D1 20100923; EP 2129829 A1 20091209; EP 2129829 B1 20100811; ES 2348063 T3 20101129; JP 2010519420 A 20100603; KR 20090125106 A 20091203; MX 2009008917 A 20100315; PL 2129829 T3 20110228; RU 2009134276 A 20110327; WO 2008101865 A1 20080828

DOCDB simple family (application)
US 54475709 A 20090820; AT 08709011 T 20080215; BR PI0807307 A 20080215; CA 2679296 A 20080215; CN 200880012426 A 20080215; DE 102007008500 A 20070221; DE 502008001124 T 20080215; EP 08709011 A 20080215; EP 2008051821 W 20080215; ES 08709011 T 20080215; JP 2009550263 A 20080215; KR 20097019466 A 20080215; MX 2009008917 A 20080215; PL 08709011 T 20080215; RU 2009134276 A 20080215