

Title (en)
STRAND GUIDE ROLLER

Title (de)
STRANGFÜHRUNGSROLLE

Title (fr)
ROULEAU DE GUIDAGE DE BARRE

Publication
EP 2032289 A1 20090311 (DE)

Application
EP 07723801 A 20070330

Priority
• EP 2007002859 W 20070330
• DE 102006019147 A 20060421
• DE 102006040011 A 20060825

Abstract (en)
[origin: DE102006040011A1] Guiding roller (100) comprises a plug-type connection between a second partial roller (110-2) and the roller pin (112-1) of a first partial roller (110-1) to join the partial rollers together and a middle bearing (120-1, 120-2) formed as a one-piece single bearing.

IPC 8 full level
B22D 11/128 (2006.01)

CPC (source: EP KR US)
B22D 11/12 (2013.01 - KR); **B22D 11/128** (2013.01 - KR); **B22D 11/1287** (2013.01 - EP US)

Citation (search report)
See references of WO 2007121821A1

Cited by
DE102014223010A1; DE102019201319A1; WO2020156742A1

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 MT NL PL PT RO SE SI SK TR

Designated extension state (EPC)
AL BA HR MK RS

DOCDB simple family (publication)
DE 102006040011 A1 20071025; AU 2007241419 A1 20071101; AU 2007241419 B2 20100225; BR PI0710825 A2 20110823; BR PI0710825 B1 20150811; CA 2648032 A1 20071101; CA 2648032 C 20140429; EP 2032289 A1 20090311; EP 2032289 B1 20121003; ES 2391202 T3 20121122; JP 2009534189 A 20090924; JP 5270534 B2 20130821; KR 101060551 B1 20110830; KR 20080104192 A 20081201; MX 2008012785 A 20081015; RU 2391180 C1 20100610; US 2009165985 A1 20090702; US 7971629 B2 20110705; WO 2007121821 A1 20071101

DOCDB simple family (application)
DE 102006040011 A 20060825; AU 2007241419 A 20070330; BR PI0710825 A 20070330; CA 2648032 A 20070330; EP 07723801 A 20070330; EP 2007002859 W 20070330; ES 07723801 T 20070330; JP 2009505736 A 20070330; KR 20087024963 A 20070330; MX 2008012785 A 20070330; RU 2008145893 A 20070330; US 22645507 A 20070330