

Title (en)
ARTICULATED MAST FOR A THICK-MATTER DELIVERY INSTALLATION

Title (de)
KNICKMAST FÜR EINE DICKSTOFFFÖRDERANLAGE

Title (fr)
MAT ARTICULE POUR INSTALLATION DE TRANSPORT DE MATIERES DENSES

Publication
EP 1951972 A1 20080806 (DE)

Application
EP 06818647 A 20061117

Priority
• EP 2006011079 W 20061117
• DE 102005055667 A 20051122

Abstract (en)
[origin: US2009028633A1] Articulated mast, in particular for concrete delivery installations, comprising at least two mast sections connected to one another by means of a swivel joint and having a straight longitudinal extent, wherein one mast section can be swiveled about a swivel joint axis with respect to the adjacent mast section, such that the articulated mast can be shifted from a folded transport position into a swung-out working position and wherein at least one swivel joint of the articulated mast has an inclined swivel joint axis.

IPC 8 full level
E04G 21/04 (2006.01)

CPC (source: EP KR US)
E04G 21/04 (2013.01 - EP KR US); **E04G 21/0436** (2013.01 - EP US); **Y10T 137/8807** (2015.04 - EP US); **Y10T 403/32213** (2015.01 - EP US)

Citation (search report)
See references of WO 2007059904A1

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

DOCDB simple family (publication)
US 2009028633 A1 20090129; US 8251095 B2 20120828; AT E444420 T1 20091015; AU 2006316895 A1 20070531;
AU 2006316895 B2 20100701; BR PI0619212 A2 20110920; CA 2630509 A1 20070531; CA 2630509 C 20110329; CN 101313116 A 20081126;
CN 101313116 B 20130417; DE 102005055667 A1 20070531; DE 102005055667 B4 20090212; DE 502006005002 D1 20091112;
EP 1951972 A1 20080806; EP 1951972 B1 20090930; ES 2310162 T1 20090101; ES 2310162 T3 20100108; KR 101059033 B1 20110824;
KR 20080080319 A 20080903; WO 2007059904 A1 20070531

DOCDB simple family (application)
US 9459406 A 20061117; AT 06818647 T 20061117; AU 2006316895 A 20061117; BR PI0619212 A 20061117; CA 2630509 A 20061117;
CN 200680043747 A 20061117; DE 102005055667 A 20051122; DE 502006005002 T 20061117; EP 06818647 A 20061117;
EP 2006011079 W 20061117; ES 06818647 T 20061117; KR 20087014914 A 20061117