

Title (en)

SLAT DRIVEN POSITIVE DISPLACEMENT SORTER

Title (de)

LATTENGETRIEBENER SORTIERER MIT ZWANGSVERSCHIEBUNG

Title (fr)

TRIEUSE À DÉPLACEMENT POSITIF ENTRAÎNÉ PAR DES LAMELLES

Publication

EP 2222581 A2 20100901 (EN)

Application

EP 07854724 A 20071120

Priority

US 2007085253 W 20071120

Abstract (en)

[origin: WO2009067110A2] An article sorter is made up of a web defined by a plurality of interconnected, laterally elongated, slats. An upper portion of the web defines a longitudinally extending conveying surface. Each of the slats has a generally planar upper surface forming a portion of the conveying surface. A plurality of pusher shoes travel laterally of the conveying surface to laterally displace articles on the conveying surface. A drive assembly is provided. The drive includes at least one sprocket and a motor. The motor is adapted to rotate the sprocket(s). The sprocket(s) engage the slats to propel the web.

IPC 8 full level

B65G 47/10 (2006.01); **B65G 47/84** (2006.01)

CPC (source: EP)

B65G 17/08 (2013.01); **B65G 23/06** (2013.01); **B65G 47/844** (2013.01); **B65G 2207/36** (2013.01)

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)

WO 2009067110 A2 20090528; **WO 2009067110 A3 20090903**; AU 2007361432 A1 20090528; CA 2705515 A1 20090528; EP 2222581 A2 20100901; EP 2222581 A4 20120229; MX 2010005538 A 20110817

DOCDB simple family (application)

US 2007085253 W 20071120; AU 2007361432 A 20071120; CA 2705515 A 20071120; EP 07854724 A 20071120; MX 2010005538 A 20071120