

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 A4 20120229 (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)

Citation (search report)

- [A] EP 0559301 A2 19930908 - VANDERLANDE IND NEDERLAND [NL]
- [A] US 5131523 A 19920721 - CODDE CHRISTOPHER L [US]
- See references of WO 2009067110A2

Designated contracting state (EPC)

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DOCDB simple family (publication)

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