Title (en)
SYSTEM WITH SCREEN AND UNBALANCED DRIVE FOR SCREENING MACHINES

Title (de)
SYSTEM MIT SIEBKÖRPER UND UNWUCHTANTRIEB FÜR SIEBMASCHINEN

Title (fr)
SYSTÈME AVEC TAMIS ET ENTRAÎNEMENT À BALOURD POUR TAMIS

Publication
EP 2173500 B1 20190619 (DE)

Application
EP 08784821 A 20080717

Priority
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- DE 102007034512 A 20070724

Abstract (en)
[origin: DE102007034512B3] The device has a synchronous gear (3) staying in effective connection with a drive motor (1') and including output shafts (4, 5). Unbalance units are arranged in a horizontal direction between side walls (6') of a sieving body (6) and has horizontal shafts that are supported at a crossbar (21) by bearing units. The unbalance units are directly arranged at the horizontal shafts. The bearing units are exclusively arranged at the horizontal shafts in an axis direction of a shaft section between the unbalance units and supported at the crossbar.

IPC 8 full level
F28F 1/22 (2006.01); B06B 1/16 (2006.01); B07B 1/42 (2006.01); F25B 39/02 (2006.01)

CPC (source: EP US)
B06B 1/161 (2013.01 - EP US); B07B 1/42 (2013.01 - EP US); F25B 39/02 (2013.01 - EP US); F28F 1/22 (2013.01 - EP US); F28F 2275/122 (2013.01 - EP US)

Citation (examination)
LINEARSCHWINGSIEBE: "Linearschwingsiebe", 15 June 2007 (2007-06-15), Internet, pages 1 - 12, XP055142959, Retrieved from the Internet <URL:http://www.thyssenkrupp-industrial-solutions.com/fileadmin/documents/brochures/linearschwingsieb_de.pdf> [retrieved on 20140926]

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DOCDB simple family (publication)
DE 102007034512 B3 20080626; AU 2008280515 A1 20090129; AU 2008280515 A2 20110428; AU 2008280515 B2 20121213; BR PI0809941 A2 20160712; BR PI0809941 B1 20190910; CA 2687947 A1 20090129; CA 2687947 C 20151124; EP 2173500 A2 20100414; EP 2173500 B1 20190619; US 2010243541 A1 20100930; US 8925731 B2 20150106; WO 2009012922 A2 20090129; WO 2009012922 A3 20091126

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