

Title (en)

RAIL-GUIDED CONVEYOR MEANS AND CONVEYOR SYSTEM HAVING SUCH CONVEYOR MEANS

Title (de)

SCHIENENGEFÜHRTES FÖRDERMITTEL UND FÖRDERANLAGE MIT DERARTIGEN FÖRDERMITTELN

Title (fr)

MOYEN DE MANUTENTION SUR RAIL ET INSTALLATION DE MANUTENTION DOTÉE DE TELS MOYENS DE MANUTENTION

Publication

EP 2978694 A1 20160203 (DE)

Application

EP 14712562 A 20140319

Priority

- CH 6912013 A 20130328
- CH 2014000032 W 20140319

Abstract (en)

[origin: CA2907879A1] A rail-guided conveyor means includes a conveyor carriage (3) with at least three rollers (4a, 4b, 4c) for rolling along a rail guide. The planes of rotation (R) of the at least three rollers (4a, 4b, 4c) are at an angle or more than 90° and less than 180° relative to each other. The corresponding conveyor system includes a plurality of such conveyor means and a corresponding rail guide with a rail body. The rail body includes a longitudinal rail body portion with three running surfaces on the outer periphery of the rail body for the at least three rollers (4a, 4b, 4c) of the conveyor means. The surface normals of the three running surfaces are at an angle of more than 90° and less than 180° relative to each other.

IPC 8 full level

B65G 9/00 (2006.01); **B65G 19/02** (2006.01)

CPC (source: EP US)

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Citation (search report)

See references of WO 2014153675A1

Citation (examination)

- US 3244113 A 19660405 - SMYSER BERT A
- US 6360673 B1 20020326 - HERRIN RICHARD L [US], et al

Designated contracting state (EPC)

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Designated extension state (EPC)

BA ME

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DOCDB simple family (application)

CH 6912013 A 20130328; AU 2014245780 A 20140319; BR 112015024550 A 20140319; CA 2907879 A 20140319; CH 2014000032 W 20140319; CL 2015002844 A 20150924; CN 201480018476 A 20140319; EP 14712562 A 20140319; KR 20157026984 A 20140319; TW 103110281 A 20140319; US 201414779751 A 20140319