

Title (en)

PLATE ELEMENT OF A CONVEYOR FOR FORMING AN ASSEMBLED CONVEYING SURFACE

Title (de)

PLATTENELEMENT EINES FÖRDERERS ZUM AUSBILDEN EINER ZUSAMMENGESETZTEN FÖRDERFLÄCHE

Title (fr)

ÉLÉMENT EN PLAQUE D'UN TRANSPORTEUR POUR FORMER UNE SURFACE DE TRANSPORT ASSEMBLÉE

Publication

EP 2643246 A1 20131002 (DE)

Application

EP 11791420 A 20111125

Priority

- CH 19912010 A 20101126
- CH 2011000286 W 20111125

Abstract (en)

[origin: WO2012068691A1] The invention relates to a conveying chain for a conveying means (1) of a conveying device, comprising a plurality of chain links (2) connected to each other, wherein the chain links (2) are connected to each other by means of articulated connections so as to each be pivotable about a first axis (A1) and about a second axis (A2) oriented perpendicular to the first axis (A1) in order to form the conveying chain. In regard to shape, the conveying chain is constructed of identical chain links (2). The chain links (2) each comprise a receptacle (5) on a first end section and a coupling body (3) on a second end section that engages in the receptacle (5) of an adjacent chain link (2), wherein the receptacle (5) and the coupling body (3) are shaped in such a way that the receptacle and the coupling body can be connected to each other by means of an insertion-rotation motion in order to form the articulated connection.

IPC 8 full level

B65G 17/06 (2006.01); **B65G 17/08** (2006.01); **B65G 17/38** (2006.01); **F16G 13/10** (2006.01)

CPC (source: EP KR US)

B65G 15/30 (2013.01 - US); **B65G 17/06** (2013.01 - KR); **B65G 17/066** (2013.01 - EP US); **B65G 17/086** (2013.01 - EP US); **B65G 17/38** (2013.01 - KR); **B65G 17/385** (2013.01 - EP US); **B65G 17/44** (2013.01 - EP US); **B65G 21/22** (2013.01 - EP KR US); **B65G 39/20** (2013.01 - EP US); **F16G 13/10** (2013.01 - KR); **Y10T 29/49826** (2015.01 - EP US)

Citation (search report)

See references of WO 2012068699A1

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)

WO 2012068691 A1 20120531; AU 2011334532 A1 20130606; AU 2011334532 B2 20160825; CH 704136 A1 20120531; CN 103402896 A 20131120; CN 103402896 B 20160330; EP 2643245 A1 20131002; EP 2643245 B1 20160720; EP 2643246 A1 20131002; ES 2599159 T3 20170131; JP 2013543826 A 20131209; JP 5992431 B2 20160914; KR 20130121120 A 20131105; TW 201235280 A 20120901; US 2013277182 A1 20131024; US 2013284569 A1 20131031; US 2016046445 A1 20160218; US 9254962 B2 20160209; US 9511941 B2 20161206; WO 2012068699 A1 20120531

DOCDB simple family (application)

CH 2011000241 W 20111007; AU 2011334532 A 20111007; CH 19912010 A 20101126; CH 2011000286 W 20111125; CN 201180056984 A 20111007; EP 11770998 A 20111007; EP 11791420 A 20111125; ES 11770998 T 20111007; JP 2013540193 A 20111007; KR 20137015235 A 20111007; TW 100136972 A 20111012; US 201113988871 A 20111007; US 201113988889 A 20111125; US 201514926856 A 20151029