

Title (en)  
BELT CONVEYOR

Title (de)  
BANDFÖRDERER

Title (fr)  
CONVOYEUR À BANDE

Publication  
**EP 2297007 A1 20110323 (EN)**

Application  
**EP 09788212 A 20090707**

Priority  
• NL 2009050405 W 20090707  
• NL 2001774 A 20080707

Abstract (en)  
[origin: WO2010005300A1] Belt conveyor (1), particularly for a helical conveyor, comprising a conveyor belt extending along a conveyance path, comprising a series of elongated support members or links (4) for supporting goods to be conveyed, which links extend transverse to the belt, and a series of connecting rods (20) for connecting the links one to the other, wherein a number of first links each comprise a drive body (131) of a magnetic material, and a drive mechanism (100) comprising one or more magnets placed along the conveyor belt for generating a magnetic field for exerting a driving force on one or more of the drive bodies near the magnets, and wherein the drive mechanism is placed in a bend.

IPC 8 full level  
**B65G 17/08** (2006.01); **B65G 23/23** (2006.01); **B65G 47/51** (2006.01)

CPC (source: EP)  
**B65G 17/086** (2013.01); **B65G 21/18** (2013.01); **B65G 23/18** (2013.01); **B65G 23/23** (2013.01)

Citation (search report)  
See references of WO 2010005300A1

Citation (examination)  
• US 4981208 A 19910101 - JONES GARLAND W [US]  
• EP 1714923 A2 20061025 - KLESSMANN IMA GMBH HOLZBEARBEI [DE]  
• US 6528908 B1 20030304 - LEE RICK [US]  
• WO 03093147 A2 20031113 - KAAK JOHAN H B [NL], et al

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WO2016137316A1; US10301116B2

Designated contracting state (EPC)  
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 SE SI SK SM TR

Designated extension state (EPC)  
AL BA RS

DOCDB simple family (publication)  
**WO 2010005300 A1 20100114**; EP 2297007 A1 20110323; NL 2001774 C2 20100111; RU 2011104086 A 20120820; RU 2533776 C2 20141120

DOCDB simple family (application)  
**NL 2009050405 W 20090707**; EP 09788212 A 20090707; NL 2001774 A 20080707; RU 2011104086 A 20090707