

Title (en)
Escalator or moving walk

Title (de)
Fahrtreppe oder Fahrsteig

Title (fr)
Escalier mécanique ou trottoir roulant

Publication
EP 1344740 B1 20070905 (DE)

Application
EP 03003464 A 20030214

Priority
DE 20204029 U 20020313

Abstract (en)
[origin: EP1344740A1] The moving stairs or pavement comprises a chain to drive a step or pallet belt, and has a deflection wheel (12) connected with torsional resistance to a drive wheel (22) which changes the direction of a transmission chain (26) which revolves between a transmission pinion (28) and the drive wheel. The drive wheel, chain and pinion form a transmission unit (24) which compensates for the polygon effect. The ratio of the speed of the transmission chain to the step or pallet belt is constant at any rotational angle of the deflection wheel.

IPC 8 full level
B66B 23/02 (2006.01)

CPC (source: EP)
B66B 23/022 (2013.01); **B66B 23/026** (2013.01)

Cited by
JP2016003127A; CN103582605A; US10214389B2; US9599201B2; US10647548B2; WO2008014938A1; EP2471736A1; EP2471737A1; US8286778B2; US8292058B2; US8292059B2

Designated contracting state (EPC)
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DOCDB simple family (publication)
EP 1344740 A1 20030917; EP 1344740 B1 20070905; AT E372294 T1 20070915; CZ 2003639 A3 20031015; CZ 298563 B6 20071107; DE 20204029 U1 20020529; DE 50308095 D1 20071018

DOCDB simple family (application)
EP 03003464 A 20030214; AT 03003464 T 20030214; CZ 2003639 A 20030304; DE 20204029 U 20020313; DE 50308095 T 20030214