

Title (en)
DRIVE SYSTEM FOR ESCALATORS AND PEDESTRIAN CONVEYORS

Title (de)
ANTRIEBSSYSTEM FÜR ROLLTREPPEN UND ROLLSTEIGE

Title (fr)
SYSTEME D ENTRAÎNEMENT POUR ESCALIERS OU TROTTOIRS ROULANTS

Publication
EP 1343713 B1 20050119 (DE)

Application
EP 01990450 A 20011128

Priority
• DE 10063844 A 20001221
• EP 0113895 W 20011128

Abstract (en)
[origin: WO0249951A1] The invention relates to a drive system for escalators and pedestrian conveyors comprising at least one driving chain and interspaced deviating elements for the driving chain. The driving chain is connected via bolts to steps or pallets of the escalator or of the pedestrian conveyor, which are positioned between two joints of the driving chain and which are each provided with a roller. The chain pitch of the driving chain is provided so that no more than two links per step or pallet are used and that the deviating elements, with regard to their number of teeth, are correspondingly matched in a reduced manner.

IPC 1-7
B66B 23/02

IPC 8 full level
B66B 23/02 (2006.01)

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

Designated contracting state (EPC)
DE FR GB

DOCDB simple family (publication)
WO 0249951 A1 20020627; AU 2957202 A 20020701; CN 1268534 C 20060809; CN 1482995 A 20040317; DE 10063844 A1 20020704; DE 10063844 B4 20040722; DE 50105153 D1 20050224; EP 1343713 A1 20030917; EP 1343713 B1 20050119; JP 2004516208 A 20040603; JP 4040973 B2 20080130; US 2003221934 A1 20031204; US 6988608 B2 20060124

DOCDB simple family (application)
EP 0113895 W 20011128; AU 2957202 A 20011128; CN 01821273 A 20011128; DE 10063844 A 20001221; DE 50105153 T 20011128; EP 01990450 A 20011128; JP 2002551461 A 20011128; US 46455503 A 20030619