

Title (en)

Drive mechanism for drive chains of mechanical stairways and moving walkways

Title (de)

Antriebsmechanismus für Antriebsketten von Rolltreppen und Rollsteigen

Title (fr)

Mécanisme d'entraînement pour entraîner les chaînes d'escaliers mécaniques et de passerelles mobiles

Publication

**EP 2394946 A1 20111214 (EN)**

Application

**EP 11380050 A 20110608**

Priority

ES 201030906 A 20100611

Abstract (en)

The invention relates to a drive mechanism for drive chains of mechanical stairways and moving walkways, comprising at least one pair of gear wheels (1) assembled on one and the same drive shaft (2), which wheels engage two parallel drive chains (4) in coinciding straight trajectory runs in both chains.

IPC 8 full level

**B66B 23/02** (2006.01)

CPC (source: EP ES)

**B66B 23/02** (2013.01 - EP); **B66B 23/028** (2013.01 - ES); **B66B 23/06** (2013.01 - EP)

Citation (applicant)

- US 7168547 B2 20070130 - THALER DIETMAR [DE], et al
- GB 1371519 A 19741023 - WESTINGHOUSE ELECTRIC CORP

Citation (search report)

- [XY] DE 3239844 A1 19830511 - MITSUBISHI ELECTRIC CORP [JP]
- [XY] US 3297127 A 19670110 - DENNERLEIN PAUL
- [X] EP 1602616 A1 20051207 - TOSHIBA ELEVATOR KK [JP]
- [X] JP S5767485 A 19820424 - MITSUBISHI ELECTRIC CORP
- [X] JP 2001130856 A 20010515 - HITACHI LTD, et al
- [YA] US 2006027438 A1 20060209 - FARGO RICHARD N [US]
- [YA] US 3707220 A 19721226 - BOLTREK HENRY, et al
- [Y] DE 29722133 U1 19980409 - THYSEN AUFZUEGE GMBH [DE]

Cited by

CN103359596A; WO2013152714A1; WO2018172361A1

Designated contracting state (EPC)

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DOCDB simple family (publication)

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