

Title (en)
Escalator drive

Title (de)
Antrieb für Fahrtreppe

Title (fr)
Motorisation pour escalier roulant

Publication
EP 0936175 B1 20030502 (DE)

Application
EP 99102261 A 19990205

Priority
• EP 99102261 A 19990205
• EP 98810115 A 19980213

Abstract (en)
[origin: EP0936175A1] The drive comprises one or several identical drive units (7) which are arranged distributed at the extent of a main driving gear (6). The drive units (7) can be flanged in longitudinal- or crosswise direction to the drive direction of the escalator at a common main drive gear-box (8). Not required connection apertures (24) at the main gear-box are locked with a cover. The drive is installed at a lower and/or upper end, on one or both sides of the escalator, and comprises one or several identical drive units (7) which are arranged distributed at the extent of a main driving gear (6). The drive units can be flanged in longitudinal- or crosswise direction to the drive direction of the escalator at a common main drive gearbox (8). Not required connection apertures (24) at the main gearbox are locked with a cover. The motors of the drive units are preferably controlled by a common frequency regulator. A control and regulation unit preferably processes input data of different components and function groups to provide control- and regulation data for the frequency regulator.

IPC 1-7
B66B 23/02

IPC 8 full level
B66B 23/02 (2006.01)

CPC (source: EP US)
B66B 23/02 (2013.01 - EP US); **B66B 23/026** (2013.01 - EP US)

Cited by
DE10030052A1; DE10030052B4; US7168547B2; WO2004069721A1

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DOCDB simple family (publication)
EP 0936175 A1 19990818; EP 0936175 B1 20030502; AT E238961 T1 20030515; BR 9900441 A 20000222; CA 2261445 A1 19990813; CA 2261445 C 20070724; CN 1078173 C 20020123; CN 1225893 A 19990818; DE 59905260 D1 20030605; ES 2198797 T3 20040201; JP 2009274879 A 20091126; JP 4473359 B2 20100602; JP H11335050 A 19991207; MY 122422 A 20060429; US 6155401 A 20001205

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