

Title (en)
BELT-DRIVEN ESCALATOR

Title (de)
RIEMENGETRIEBENE ROLLTREPPE

Title (fr)
ESCALIER MÉCANIQUE À COURROIE

Publication
EP 3929138 A1 20211229 (EN)

Application
EP 20182727 A 20200626

Priority
EP 20182727 A 20200626

Abstract (en)
A belt-driven escalator (2) is provide which comprises a plurality of escalator steps (4) arranged to travel along an inclined conveyance path (101), a drive belt (10) connected to the plurality of escalator steps (4), a drive system (24) arranged to drive the drive belt (10) so as to propel the plurality of escalator steps (4) along the inclined conveyance path (101); and a belt support structure (22). The belt support structure (22) comprises a plurality of support wheels (206) and a support belt (212) extending over the plurality of support wheels (206). The support belt (212) is arranged to provide support to the plurality of escalator steps (4) via the drive belt (10).

IPC 8 full level
B66B 23/16 (2006.01)

CPC (source: EP)
B66B 23/16 (2013.01)

Citation (search report)

- [XYI] EP 1440031 A1 20040728 - OTIS ELEVATOR CO [US]
- [Y] US 972475 A 19101011 - SEEBERGER CHARLES D [US]
- [A] JP H01247312 A 19891003 - YUTAKA CONSULTANT KK
- [A] WO 2005051811 A1 20050609 - OTIS ELEVATOR CO [US], et al
- [A] WO 2004071928 A1 20040826 - OTIS ELEVATOR CO [US], et al

Designated contracting state (EPC)
AL 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 RS SE SI SK SM TR

Designated extension state (EPC)
BA ME

DOCDB simple family (publication)
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