

Title (en)

FORCE-DRIVEN HANDRAIL BELT APPARATUS

Title (de)

KRAFTGETRIEBENE HANDLAUFBANDVORRICHTUNG

Title (fr)

APPAREIL À COURROIE DE MAIN COURANTE ENTRAÎNÉ PAR LA FORCE

Publication

EP 3967643 A1 20220316 (EN)

Application

EP 19929090 A 20190911

Priority

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Abstract (en)

A force-driven handrail belt apparatus, comprising a handrail belt (1) and a drive wheel (2): the handrail belt (1) has a contact surface that is in contact with the drive wheel (2); a plurality of force-driven grooves (3) are evenly provided at the center position of the contact surface along the length direction thereof; a plurality of force-driven gears (4) are evenly distributed on the outer edge of the drive wheel (2); and the force-driven gears (4) of the drive wheel (2) are embedded into the force-driven grooves (3) on the contact surface of the handrail belt (1) to achieve the forced driving of the handrail belt (1).

IPC 8 full level

B66B 23/04 (2006.01); **B66B 23/20** (2006.01)

CPC (source: CN EP KR)

B66B 23/04 (2013.01 - CN KR); **B66B 23/20** (2013.01 - CN); **B66B 23/24** (2013.01 - EP KR); **B66B 23/04** (2013.01 - EP); **B66B 23/20** (2013.01 - EP)

Designated contracting state (EPC)

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Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

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