Title (en)

DRIVE FOR ESCALATORS OR MOVING SIDEWALKS

Title (de)

ANTRIEB FÜR ROLLTREPPEN ODER ROLLSTEIGE

Title (fr)

SYSTEME D'ENTRAINEMENT POUR ESCALIERS OU TROTTOIRS ROULANTS

Publication

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Application

EP 00962338 A 20000819

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Abstract (en)

[origin: DE19952168A1] The invention relates to a drive for escalators or moving sidewalks that is mounted within the step or pallet belt. Said drive comprises a distributor gear with two output shafts, namely one for the handrail and one for the step or tread belt. Every drive shaft is provided with a respective drive wheel that drives the shaft. The drive also comprises a drive unit for distributor gear interposed between the drive shafts which has at least one electric motor with a planetary gear. The aim of the invention is to improve such a drive by simplifying its assembly and using components that are simpler in their design and therefore less expensive. To this end, the electric motor (1), the planetary gear (2) and a drive step (9, 7, 8) linked with the power take-off of the planetary gear (2) for the direct drive of at least the drive wheel (10) of the drive shaft (12) for the step or pallet belt are combined to give a single assembly unit (3) that can be fastened to the distributor gear.

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