

Title (en)

METHOD AND DEVICE FOR REDUCING THE POLYGON EFFECTS IN AN AREA OF DEVIATION IN PASSENGER CONVEYOR SYSTEMS

Title (de)

VERFAHREN UND EINRICHTUNG ZUR REDUZIERUNG DES POLYGONEFFEKTES IM UMLENKBEREICH VON
PERSONENFÖRDERANLAGEN

Title (fr)

PROCEDE ET DISPOSITIF POUR REDUIRE L'EFFET POLYGONE DANS LA ZONE DE RENVOI DE SYSTEMES DE TRANSPORT DE
PASSAGERS

Publication

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Application

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Priority

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Abstract (en)

[origin: WO02088015A1] The invention relates to a method for reducing polygon effects occurring during deviation of a chain used for a passenger conveyor system, particularly an escalator or a moving pathway. By driving the rotational speed of the deviator wheel which affects the deviator wheel in an indirect or direct manner, a different rotational speed is superimposed, and position-dependent control of speed occurs accordingly whereby variations in speed arising at a substantially constant rotational frequency on the chain wheel are determined and compensation is carried out, enabling the deviator wheel to be driven at an unequal rotational frequency.

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