

Title (en)

METHOD FOR PRODUCING AND OPERATING AN AUTOMATICALLY DRIVEN GATE AND GATE SYSTEM

Title (de)

HERSTELL- UND BETRIEBSVERFAHREN ZUM HERSTELLEN UND BETRIEB EINES AUTOMATISCH ANGETRIEBENEN TORES SOWIE TORSYSTEM

Title (fr)

PROCÉDÉ DE FABRICATION ET DE FONCTIONNEMENT D'UN PORTE AUTOMATIQUE ET SYSTÈME DE PORTE

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Application

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Abstract (en)

[origin: WO2012089358A1] The invention provides a production method for producing an automatically driven door (10), which has a door leaf (12), a door shaft (16), a door mechanism (18), by means of which the door leaf (12) is connected to the door shaft (16) in such a manner that the door shaft (16) rotates during movement of the door leaf and that the door leaf moves during rotation of the door shaft (16), and a shaft-type door drive (20) which is connected to the door shaft (16) for driving same, with the following steps: providing and installing the door with a door shaft (16) and door mechanism (18), providing a shaft-type door drive (20) which has an electric motor and an output shaft (54) which is drivable via the electric motor via a slip-free driving mechanism (52A, 52B, 52C, 52D) and is connectable to the door shaft, wherein the transmission ratio (i) of the driving mechanism (52A, 52B, 52C, 52D) is adjustable in a selectable manner step by step, selecting the transmission ratio (i) depending on the particular door mechanism (18) in such a manner that, at least in the vicinity of the final closing position, the path of the door leaf (12) in different door mechanisms (18) per revolution of the electric motor is substantially constant in such a manner a) that said path lies within the tolerance range of +25%, preferably of +/- 15%, about a constant standard value, and/or b) that said path lies in the tolerance range of less than 40%, preferably of less than 36%, most preferably of less than 30%, below a constant upper limit standard value.

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