

Title (en)
DOOR DRIVE SYSTEM

Title (de)
TÜRANTRIEB

Title (fr)
SYSTEME DE COMMANDE DE PORTE

Publication
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Application
EP 98941255 A 19980630

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• DE 9801795 W 19980630
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• DE 19822498 A 19980519

Abstract (en)
[origin: US6412224B1] The invention relates to a door drive system for a wing of a door, a window or similar, comprising a housing with a drive and/or return device, e.g. a closing spring (7), and a preferably hydraulic damping device. In practice, drive housings of this type are cast in aluminium. The production costs are relatively high since housing openings and boreholes such as hydraulic channels have to be cut into the housing (31) later on. According to the invention, the housing (31) is produced wholly or partly from plastic. This enables the cavities which are necessary for the housing to function, such as housing boreholes and/or openings to be made in the drive housing when it is produced, without removing material by cutting. According to another design, the drive housing has several housing parts which are produced separately. The adjacent sections of the housing parts are then stuck or welded together. Housing boreholes such as hydraulic channels can be made in the adjacent surfaces of the housing parts which are shaped accordingly, without removing material by cutting.

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Cited by
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