

Title (en)

Drive for fire doors

Title (de)

Antrieb für Brandschutztüren

Title (fr)

Entraînement pour portes coupe-feu

Publication

EP 2213821 B1 20161116 (DE)

Application

EP 10151810 A 20100127

Priority

DE 102009000446 A 20090128

Abstract (en)

[origin: EP2213821A2] The drive has a compensation unit for compensating volume of a hydraulic fluid of the drive, where the volume is enlarged by heat expansion. The compensation unit is provided at a housing of the drive for compensating the heat expansion for a temperature range above a spectrum of temperatures of hydraulic fluid, where the temperatures of the hydraulic fluid are appeared during normal operation. The compensation unit is limited by a hollow body, and an irreversible deformable region of the hollow body consists of metal or plastic.

IPC 8 full level

E05F 15/50 (2015.01)

CPC (source: EP)

E05F 1/006 (2013.01); **E05F 3/10** (2013.01); **E05F 3/04** (2013.01); **E05F 15/50** (2015.01); **E05Y 2800/00** (2013.01); **E05Y 2800/414** (2013.01); **E05Y 2800/416** (2013.01); **E05Y 2800/674** (2013.01); **E05Y 2800/676** (2013.01); **E05Y 2800/678** (2013.01); **E05Y 2900/134** (2013.01)

Designated contracting state (EPC)

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DOCDB simple family (publication)

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