

Title (en)  
DOOR CLOSING MECHANISM

Publication  
**EP 0103517 A3 19850327 (FR)**

Application  
**EP 83401758 A 19830906**

Priority  
GB 8225791 A 19820909

Abstract (en)  
[origin: EP0103517A2] This door-closing mechanism comprises a housing (10) and a shaft (16) passing axially through it, these two elements being rotatable relative to one another. A cylindrical rotor (20) delimits within the housing an annular chamber (26) which is filled with a damping fluid, whilst a one-way clutch is mounted between this rotor and the shaft. The clutch slips to allow the free relative rotation of the rotor and housing when the door opens, but makes them fast with one another in terms of rotation when the door closes. Two helical gaskets (24, 25) mounted at the ends of the chamber then deliver the damping fluid towards the central part of the latter. <IMAGE>

IPC 1-7  
**E05F 3/14**

IPC 8 full level  
**E05F 3/14** (2006.01)

CPC (source: EP)  
**E05F 3/14** (2013.01); **E05Y 2201/21** (2013.01); **E05Y 2201/254** (2013.01); **E05Y 2201/266** (2013.01); **E05Y 2900/132** (2013.01)

Citation (search report)  
• [A] FR 1275113 A 19611103  
• [A] US 3860993 A 19750121 - MATUSKA JAMES E  
• [A] FR 964482 A 19500817  
• [A] GB 1099028 A 19680110 - AQUITAINE PETROLE

Cited by  
GB2241738A; GB2241738B; GB2295201A; GB2295201B; EP0337477A1; US4984666A; US7644890B2; US11497867B2

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