

Title (en)  
Door closer.

Title (de)  
Türschliesser.

Title (fr)  
Ferre-porte.

Publication  
**EP 0332426 A1 19890913 (EN)**

Application  
**EP 89302316 A 19890308**

Priority  
GB 8805706 A 19880310

Abstract (en)  
The door closer (10) is of the kind which acts between a door hinge stile and a hinge jamb and has a body (11) for mounting usually in the stile, from which body (11) a spring-biased tension member (12) extends for anchoring to the jamb, wherein a hydraulic cylinder piston damper (20) is interposed between the tension member (12) and its biasing spring (15), the damper (20) incorporating no unidirectional valve means, its piston (24) being undersized relative to the cylinder (17) by an amount predetermined by the viscosity of the hydraulic fluid in the damper (20) so as to allow fluid to flow restrictedly around the piston (24) when the tension member (12) is moved in door-closing and door-opening directions.

IPC 1-7  
**E05F 3/10**

IPC 8 full level  
**E05F 3/10** (2006.01)

CPC (source: EP)  
**E05F 3/108** (2013.01); **E05Y 2900/132** (2013.01)

Citation (search report)  
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• [A] GB 2044840 A 19801022 - PERKINS & POWELL LTD  
• [A] US 4665584 A 19870519 - WILLIAMS PATRICK Y [AU]

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