

Title (en)
TUBULAR DOOR CLOSER

Publication
EP 0178391 A3 19861105 (DE)

Application
EP 85108974 A 19850718

Priority
DE 3438042 A 19841017

Abstract (en)
[origin: EP0178391A2] 1. Tubular door closer, comprising a damper preferably installed in the door leaf (1), in particular a hydraulic cylinder (12), a tension-proof tension member (5) resiliently bendable, engaging on the movable part (14) of the damper (12), in particular with a sheathed wire rope (6) and a fitting (11) preferably arranged in a stationary manner in the door frame (2) for the pivoting of the tension member (5) adjacent the frame, characterized in that the tension member (5) comprises a sheathing (7) of synthetic material which is resiliently bendable in several directions and is resistant to kinking and to compression, the tension member (5) being guided positively at least partly in the tube (13) of the damper (12).

IPC 1-7
E05F 3/10; **E05F 3/00**; **E05F 1/10**

IPC 8 full level
E05F 1/10 (2006.01); **E05F 3/00** (2006.01); **E05F 3/10** (2006.01)

CPC (source: EP)
E05F 1/1066 (2013.01); **E05F 3/00** (2013.01); **E05F 3/108** (2013.01); **E05Y 2900/132** (2013.01)

Citation (search report)
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• [X] CH 399947 A 19650930 - SCHUERMANN & CO HEINZ [DE]
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• [A] FR 925867 A 19470916

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