

Title (en)

Automatic door sealing device

Title (de)

Automatische Türdichtungsvorrichtung

Title (fr)

Dispositif d'étanchéité automatique pour une porte

Publication

EP 1314848 B1 20060607 (DE)

Application

EP 03004406 A 19971029

Priority

- DE 29619571 U 19961112
- EP 97118798 A 19971029

Abstract (en)

[origin: EP0841457A1] The device comprises flat spiral springs (46,54) that is held on a linked end-side of a spring hanger (44,47,52,53), made from plastic, which happens to be extendable in an upper room of a housing (10). The T-shaped ends (54c) of the flat spiral springs may be mounted in the linkages of the spring hanger. Noise damping elements (17) may be set in between depressed profiles (20) and the housing. A lock-side release mechanism may comprise a release element (40) with inclinations and inner thread, a threaded bolt (41) with a head (42) and a sphere (43), and a spring hanger (44) with a sphere adaptor (45). A ribbon side release mechanism may have a cylinder shaped release element (50), with inner thread and threaded rod with a formed spring hanger (52).

IPC 8 full level

E06B 7/215 (2006.01); **E06B 7/20** (2006.01); **E06B 7/23** (2006.01)

CPC (source: EP)

E06B 7/20 (2013.01); **E06B 7/215** (2013.01); **E06B 7/2316** (2013.01)

Cited by

DE102019113777A1; EP3647529A1; DE102019113777B4

Designated contracting state (EPC)

CH DE LI

DOCDB simple family (publication)

DE 29619571 U1 19970306; DE 59710410 D1 20030814; DE 59712673 D1 20060720; EP 0841457 A1 19980513; EP 0841457 B1 20030709; EP 1314848 A1 20030528; EP 1314848 B1 20060607

DOCDB simple family (application)

DE 29619571 U 19961112; DE 59710410 T 19971029; DE 59712673 T 19971029; EP 03004406 A 19971029; EP 97118798 A 19971029