

Title (en)
Automatic closing activator.

Title (de)
Automatischer Schliessenreger.

Title (fr)
Activeur automatique de fermeture.

Publication
EP 0192475 A2 19860827 (EN)

Application
EP 86301180 A 19860219

Priority
AU 936185 A 19850220

Abstract (en)
A temperature actuated traction device comprises an element (30) of a heat responsive memory material, to respective ends of which are connected two relatively movable parts (13, 16). One part (13) is connected to a load which is to be displaced relatively to the other part (16) to cause a change in shape of the ductile element (30) when cold. Heating means is provided to cause heating of the element (30) to restore it to its original shape whereby a restoring force is applied to the displaced load, and a spring (20) is provided to allow yielding of the other part (16) under traction applied to the load when the element (30) is hot.

IPC 1-7
E05F 15/20; E05F 1/00

IPC 8 full level
E05F 1/00 (2006.01); **E05F 15/71** (2015.01)

CPC (source: EP)
E05F 1/008 (2013.01); **E05F 15/71** (2015.01); **E05Y 2900/31** (2013.01)

Cited by
CN112127746A; CN112138312A; DE3638208A1

Designated contracting state (EPC)
AT BE CH DE FR GB IT LI LU NL SE

DOCDB simple family (publication)
EP 0192475 A2 19860827; **EP 0192475 A3 19870204**; JP S61237786 A 19861023

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EP 86301180 A 19860219; JP 3404086 A 19860220