

Title (en)

Spring lock device

Title (de)

Feder- Verriegelungsvorrichtung

Title (fr)

Dispositif de verrouillage à ressort

Publication

EP 0965764 A2 19991222 (EN)

Application

EP 99111560 A 19990615

Priority

IT MI981387 A 19980617

Abstract (en)

A spring lock device (10) to prevent axial and/or rotational motion of a shaft or rod member (12); the device comprises a locking element in the form of a coil spring (16) arranged in a casing (10), is loosely disposed around the shaft or the rod (12), to provide a locking action in a required position. A thrust member (18) operatively connected to a pressure actuated control device (19) acts on the arms (16A, 16B) of the coil spring (16) to grip the rod (12) preventing any sliding and/or rotational movement. <IMAGE>

IPC 1-7

F15B 15/26

IPC 8 full level

F15B 15/26 (2006.01)

CPC (source: EP)

F15B 15/262 (2013.01)

Cited by

DE102005003613A1; DE102006034469A1; DE19934750B4; US2016251927A1; US10018009B2; GB2406613A; GB2406613B; US7705499B2; WO2005040630A1; WO03104665A1

Designated contracting state (EPC)

CH DE ES FR GB IT LI NL SE

DOCDB simple family (publication)

EP 0965764 A2 19991222; EP 0965764 A3 20001102; EP 0965764 B1 20041208; DE 69922444 D1 20050113; DE 69922444 T2 20051208; IT 1301738 B1 20000707; IT MI981387 A1 19991217

DOCDB simple family (application)

EP 99111560 A 19990615; DE 69922444 T 19990615; IT MI981387 A 19980617