

Title (en)
DEVICE FOR RADIALLY MOVABLY FIXING THE CASING OF A SPINDLE BEARING OF A SPINNING OR TWISTING SPINDLE ON A SPINDLE RAIL

Publication
EP 0209799 B1 19890315 (DE)

Application
EP 86109422 A 19860710

Priority
CH 320185 A 19850724

Abstract (en)
[origin: US4674272A] A resilient element connects the housing of the spindle collar bearing with the spindle rail and contains a circumferential arrangement of resiliently flexible rods surrounding with play the housing of the spindle collar bearing in a substantially parallel relationship thereto. The resiliently flexible rods which are arranged at substantially uniform circumferential spacing from one another extend at both of their ends from an associated common retaining sleeve for the related rod ends. One such retaining sleeve is anchored at the spindle rail. The other retaining sleeve is fixedly anchored at the housing of the spindle collar bearing in a region or at a location spaced from a housing side at which the spindle exits from such housing. The resilient element forms a spatial parallelogram permitting only radial movement of the housing against the spring action of the resiliently flexible rods without inclined positioning of the housing.

IPC 1-7
D01H 7/10

IPC 8 full level
D01H 7/10 (2006.01)

CPC (source: EP US)
D01H 7/10 (2013.01 - EP US)

Cited by
US5528892A; US5359842A; US5201170A; DE4009695A1; DE4009695C2; US5038554A; WO2016087349A1

Designated contracting state (EPC)
CH DE FR GB IT LI

DOCDB simple family (publication)
EP 0209799 A1 19870128; EP 0209799 B1 19890315; CH 667112 A5 19880915; DE 3662405 D1 19890420; JP S6228417 A 19870206; US 4674272 A 19870623

DOCDB simple family (application)
EP 86109422 A 19860710; CH 320185 A 19850724; DE 3662405 T 19860710; JP 16655986 A 19860715; US 88567086 A 19860715