Title (en)

AUTOMATIC TELESCOPIC DEVICE FOR DRAWER RUNNERS

Title (de)

EINZUGSAUTOMATIK FÜR SCHUBLADEN-AUSZIEHFÜHRUNGEN

Title (fr)

DISPOSITIF AUTOMATIQUE D'EMBOITEMENT DE GUIDAGES D'OUVERTURE DE TIROIRS

Publication

EP 0489122 B1 19960306 (DE)

Application

EP 91907639 A 19910415

Priority

- DE 4020277 A 19900626
- EP 9100710 W 19910415

Abstract (en)

[origin: EP0580075A1] The automatic telescopic device for drawer runners, with guiding and running rails which are displaceable relative to one another via rolling bodies, has a component (54) which is pivotable on the guiding rail between two end positions, is prestressed by a spring arrangement (56) bistably into the pivoted end positions and has an open-mouthed receptacle (64) for a projection (50) which protrudes downwards from the running rail. The projection (50) and the pivotable component (54) are arranged relative to one another such that the projection (50) runs into the receptacle (64) on closing the drawer and in the process, after crossing of the dead centre of the pivotable component, is carried along by the latter resiliently into the drawer closed position. In the pushing-in direction directly in front of the receptacle, there is provided a catch nose (82) which can be run over by the projection (50) by resilient deformation and is designed to carry along the component (54) into the correct position corresponding to the drawer position, to avoid blocking if the component (54) is in the wrong position. <IMAGE>

IPC 1-7

A47B 88/04

IPC 8 full level

A47B 88/04 (2006.01)

CPC (source: EP US)

A47B 88/467 (2017.01 - EP US); A47B 2210/0032 (2013.01 - EP US); A47B 2210/0035 (2013.01 - EP US); A47B 2210/0037 (2013.01 - EP US); A47B 2210/004 (2013.01 - EP US); A47B 2210/0056 (2013.01 - EP US); Y10S 292/49 (2013.01 - EP US); Y10T 292/0877 (2015.04 - EP US); Y10T 292/0883 (2015.04 - EP US)

Cited by

ES2139476A1; US6193123B1

Designated contracting state (EPC)

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US 80954392 A 19920124; AT 91907639 T 19910415; AT 93111335 T 19910415; DE 4020277 A 19900626; DE 9007365 U 19900626; EP 9100710 W 19910415; EP 91907639 A 19910415; EP 93111335 A 19910415