

Title (en)
Collapsible housing

Title (de)
Klappgehäuse

Title (fr)
Boîtier repliable

Publication
EP 1972866 A3 20120425 (DE)

Application
EP 08003750 A 20080229

Priority
DE 102007010921 A 20070305

Abstract (en)
[origin: EP1972866A2] The retractable housing comprises two retractable housing parts (1,2), connected with each other, where an axial element (3) is arranged on a housing part in a rotating manner. A bearing element (4) is arranged on another housing part in a rotating manner for supporting the axial element. The axial element and the bearing element are formed together as a cone seat connection. The axial element has a cone shaped shaft part (5) and the bearing element has a reversed conical shaped hub part (6). An elastic element (7) is provided on the cone seat connection for applying an axial assembly force.

IPC 8 full level
F24H 9/02 (2006.01); **E05D 11/08** (2006.01); **E05D 11/10** (2006.01)

CPC (source: EP)
F24H 9/02 (2013.01); **E05D 11/081** (2013.01); **E05Y 2800/26** (2013.01)

Citation (search report)

- [X] US 5715576 A 19980210 - LIU TAI-SHENG [TW]
- [X] EP 0464266 A2 19920108 - IND TECH RES INST [TW]
- [A] US 1004237 A 19110926 - BRANDES ARTHUR [US]

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MT NL NO PL PT RO SE SI SK TR

Designated extension state (EPC)
AL BA MK RS

DOCDB simple family (publication)
EP 1972866 A2 20080924; EP 1972866 A3 20120425; DE 102007010921 A1 20080911

DOCDB simple family (application)
EP 08003750 A 20080229; DE 102007010921 A 20070305