

Title (en)

PIVOT LINK PIECE FOR A FLYING VEHICLE OR FOR A SYSTEM FOR A FLYING VEHICLE, IN PARTICULAR A MISSILE

Title (de)

DREHZAPFENVERBINDUNGSTEIL FÜR EIN FLUGGERÄT ODER EIN SYSTEM FÜR FLUGGERÄT, INSBESONDERE EIN FLUGKÖRPER

Title (fr)

PIÈCE DE LIAISON PIVOT DESTINÉE À UN ENGIN VOLANT OU À UN SYSTÈME POUR ENGIN VOLANT, EN PARTICULIER UN MISSILE

Publication

EP 3421925 B1 20191016 (FR)

Application

EP 18290062 A 20180606

Priority

FR 1700684 A 20170626

Abstract (en)

[origin: WO2019002704A1] - The pivot connection part (1) is in one piece and comprises an inner body (2), an outer body (3) radially surrounding the inner body (2), a set of connection elements (4) producing a continuity of material between the inner and outer bodies (2, 3) in an initial relative position, the breaking of the connecting elements (4) detaching the inner and outer bodies (2, 3) from each other and thus allowing a relative rotation between them, a blocking assembly (5) comprising at least one cam (7) and a stop, capable of blocking the relative rotation between the inner and outer bodies (2, 3) in a first direction of rotation in an end relative blocking position, and a blocking assembly (9) comprising at least one pawl (11) and a resilient stop blade (12), capable of blocking the relative rotation between the inner and outer bodies (2, 3) in a second direction of rotation, opposite to said first direction of rotation, in the blocking position.

IPC 8 full level

F42B 10/14 (2006.01); **F42B 10/16** (2006.01)

CPC (source: EP IL US)

F42B 10/14 (2013.01 - EP IL); **F42B 10/16** (2013.01 - EP IL US); **F42B 15/01** (2013.01 - IL US)

Cited by

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DOCDB simple family (publication)

EP 3421925 A1 20190102; EP 3421925 B1 20191016; ES 2765478 T3 20200609; FR 3068094 A1 20181228; FR 3068094 B1 20190802; IL 271533 A 20200227; IL 271533 B1 20230501; IL 271533 B2 20230901; US 11365956 B2 20220621; US 2021148684 A1 20210520; WO 2019002704 A1 20190103

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