

Title (en)

Hinge for a frame

Title (de)

Scharnier für einen Rahmen

Title (fr)

Charnière pour un cadre

Publication

EP 1835101 B1 20091125 (EN)

Application

EP 07103982 A 20070313

Priority

IT UD20060059 A 20060314

Abstract (en)

[origin: EP1835101A2] Hinge (10) for articulating a closing element (12) with respect to a fixed Structure (14), comprising: two terminal hinging elements (16, 18) able to be fixed to the fixed structure (14); an intermediate hinging element (20) mounted between the two terminal elements (16, 18) and able to be fixed to the closing element (12); and two pins (50, 52) able to pivot axially with respect to each other the three elements (16, 18, 20) along the same pivoting axis (I). The intermediate element (20) comprises a central cavity (32) with a development substantially orthogonal with respect to the pivoting axis (I), and able to house a regulation element (34), which in turn is disposed in cooperation with the closing element (12), and can be driven so as to modify the distance between the closing element (12) and the pivoting axis (I). The intermediate element (20) also comprises two seatings (40, 42), which are disposed on opposite sides with respect to the central cavity (32), have a development substantially parallel to the pivoting axis (I), and into each of which a pin (50, 52) is inserted, in order to allow the articulation of the closing element (12) with respect to the fixed structure (14).

IPC 8 full level

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CPC (source: EP)

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Cited by

CN109882009A; ITTO20080852A1; EP2418344A3; CN108301715A; EP3584396A1; EP2339102A1; ITBO20090825A1; WO2022033864A1; EP3093422A1

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