

Title (en)
INVISIBLE HINGE

Title (de)
UNSICHTBARES SCHARNIER

Title (fr)
CHARNIÈRE INVISIBLE

Publication
EP 3441550 B1 20200527 (EN)

Application
EP 18187386 A 20180803

Priority
IT 201700091371 A 20170807

Abstract (en)
[origin: EP3441550A1] Invisible hinge for rotatably connecting a movable panel (100) to a fixed frame (200), comprising two hinge bodies (2, 3) embedded within corresponding cavities of the movable panel (100) and of the fixed frame (200) and rotatably connected to each other by means for articulation (4). The latter comprise a first panel connecting rod (7), which is housed within the containment seat (20) of the first hinge body (2) and is pivoted at a first end (7A) thereof to a first internal wall (2A) of the latter and at its second end (7B) to a first termination (8A) of a first curved lever (8). The latter in turn is pivoted at its second termination (8B) to the second external wall (3B) of the second hinge body (3). The articulation means (4) also comprise a second frame connecting rod (9), which is housed within the second containment seat (30) of the second hinge body (3) and is pivoted at a third end (9A) thereof to the second external wall (3B) of the latter and at its fourth end (9B) to a third termination (10A) of at least one second curved lever (10). The latter in turn is pivoted at its fourth termination (10B) to the first external wall (2B) of the first hinge body (2).

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