

Title (en)
Embedded hinge for reversible door

Title (de)
Eingebettetes Scharnier für umkehrbare Tür

Title (fr)
Charnière intégrée pour porte réversible

Publication
EP 2738329 A1 20140604 (EN)

Application
EP 12194858 A 20121129

Priority
EP 12194858 A 20121129

Abstract (en)
A pintle element (1) and a seat holder insert (11) for an embedded hinge (2) for reversible doors comprising a frame, formed of one cross-member (3) and a pair of uprights (4), and at least one panel (5). The pintle element (81) being suitable for being fitted at one end of the upright (4) and comprising: - a pin (6) extending in a longitudinal direction in relation to the panel (5), - a support plug (7) of the pin (6) extending perpendicular to the axis of the pin (6), characterised in that it further comprises an appendage (8) formed of at least one first abutment surface (9) on an upright (4), suitable for preventing translations of the pintle element (1) in an orthogonal direction during assembly, a second abutment surface (10) on the same upright (4), suitable for preventing translations of the pintle element (1) in a transversal direction during assembly, and a third abutment surface (21) on the cross-member (3) suitable for preventing translations of the pintle element (1) in a longitudinal direction during assembly. A method of fitting reversible doors with embedded hinge (2) is also illustrated.

IPC 8 full level
E05D 5/06 (2006.01); **E05D 7/08** (2006.01); **E05D 7/10** (2006.01)

CPC (source: EP)
E05D 5/06 (2013.01); **E05D 5/065** (2013.01); **E05D 7/08** (2013.01); **E05D 7/081** (2013.01); **E05D 7/1077** (2013.01); **E05D 7/02** (2013.01); **E05Y 2900/31** (2013.01)

Citation (search report)
• [X] EP 2468993 A1 20120627 - OTLAV SPA [IT]
• [X] GB 1107084 A 19680320 - WILLIAM ALEX WEYBOLL JORGENSEN

Cited by
CN106368540A; IT202000005944A1; CN107178269A; US11326784B2; EP3757321A1

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

Designated extension state (EPC)
BA ME

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