

Title (en)
Strut with stripping mechanism

Title (de)
Stütze mit Ausschalmechanismus

Title (fr)
Etais avec dispositif de démoulage

Publication
EP 1975341 A1 20081001 (EN)

Application
EP 07380084 A 20070329

Priority
EP 07380084 A 20070329

Abstract (en)

Strut with stripping mechanism which comprises an outer telescopic tube (1) and an inner telescopic tube (2), the outer tube (1) having a threaded portion (3) which has two diametrically opposing slides (10) to house a pin (12) which is, in turn, housed in two diametrically opposing orifices (11) which the inner tube (2) has, having a nut (8) which is screwed in the threaded portion (3), and which holds an anchoring piece (13) which comprises an upper notch (15) and a lower notch (16), positioned at different levels, allowing said anchoring piece (13) to move in a direction perpendicular to the outer tube (1) and be placed in a locked position, wherein the pin (12) is in contact with the upper notch (15), and an unlocked position wherein the pin (12) is in contact with the lower notch (16).

IPC 8 full level
E04G 25/06 (2006.01)

CPC (source: EP)
E04G 25/06 (2013.01); **E04G 25/061** (2013.01); **E04G 25/065** (2013.01); **E04G 25/068** (2013.01)

Citation (search report)

- [X] DE 3739754 A1 19890608 - MUELLER & BAUM [DE]
- [X] DE 4329910 A1 19950309 - MUELLER & BAUM [DE]
- [A] JP H1037492 A 19980210 - DAIDO KIKO KK
- [A] US 5310153 A 19940510 - JACKSON GEORGE W [CA]
- [A] GB 2127886 A 19840418 - ACROW
- [A] EP 1602791 A2 20051207 - INGENIERIA ENCOFRADOS SERVI SL [ES]

Cited by
KR101641576B1; US9926711B2; EP3835513A1; US11319714B2; WO2021116515A1; WO2022034493A1; WO2012027351A3

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC MT NL PL PT RO SE SI SK TR

Designated extension state (EPC)
AL BA HR MK RS

DOCDB simple family (publication)
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