

Title (en)

ARTICULATED DEVICE FOR SUPPORTING AND/OR HANDLING LOADS

Title (de)

ARTIKULIERTE VORRICHTUNG ZUR UNTERSTÜTZUNG UND/ODER BEHADELN VON LASTEN

Title (fr)

DISPOSITIF ARTICULÉ POUR SUPPORTER ET/OU MANIPULER DES CHARGES

Publication

EP 3508656 B1 20211027 (EN)

Application

EP 19150686 A 20190108

Priority

IT 201800000612 A 20180108

Abstract (en)

[origin: EP3508656A1] The device (11) comprises a first outer element (14') extending along a longitudinal axis (b) and a second outer element (16') hinged to the first outer element (14') for rotation relative to the latter about a first transverse axis (c) in a first operating condition of the device (11). The first and the second outer elements (14', 16') have longitudinal internal cavities (12) accommodating first and second inner elements (14'', 16'') which are hinged to each other for rotation relative to each other about a second transverse axis (c'') parallel to, or coinciding with, the first transverse axis (c) when the device (11) is in the first operating condition. The device (11) further comprises locking means (34a, 34b) arranged to prevent relative rotation of the first and second outer elements (14', 16') and of the first and second inner elements (14'', 16''), respectively, when said elements (14', 16', 14'', 16'') are aligned with each other along the longitudinal axis (b) and when the device (11) is in a second operating condition rotated 180° about the longitudinal axis (b) relative to the first operating condition. The first and second inner elements (14'', 16'') are slidable along the longitudinal axis (b) relative to the first and second outer elements (14', 16') when the device (11) is in the second operating condition.

IPC 8 full level

E02F 3/30 (2006.01)

CPC (source: EP)

E02F 3/306 (2013.01)

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

DOCDB simple family (publication)

EP 3508656 A1 20190710; EP 3508656 B1 20211027; IT 201800000612 A1 20190708

DOCDB simple family (application)

EP 19150686 A 20190108; IT 201800000612 A 20180108