

Title (en)

HINGED DEVICE HAVING A FREE END INTENDED TO SUPPORT A CANTILEVERED LOAD

Title (de)

KLAPPBARE VORRICHTUNG MIT EINEM FREIEN ENDE ZUM ABSTÜTZEN EINER FREITRAGENDEN LAST

Title (fr)

DISPOSITIF ARTICULÉ COMPORTANT UNE EXTREMITÉ LIBRE DESTINÉE À SUPPORTER UNE CHARGE EN PORTE-A-FAUX

Publication

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Application

EP 16778220 A 20160916

Priority

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Abstract (en)

[origin: WO2017046303A1] The invention relates to a hinged device (1) having a free end intended to support a cantilevered load, the device (1) having at least a first element (11) and a second element (12) that are connected by a hinge (C1) comprising a cylinder (2) secured to said first element (11) and a housing (3) secured to said second element (12), which are hinged together about an axis (XI) of said cylinder (2), the hinge (C1) having at least a first tension spring (4) and a second tension spring (5), each tension spring (4, 5) having an end connected to the second element (12) and an end connected to the cylinder (2) of the first element (11) at a fastening point (F4, F5), the fastening points (F4, F5) of the tension springs (4, 5) being separate from one another and situated away from the cylinder axis (XI) so as to generate a torque about said cylinder axis (XI) between the first element (11) and the second element (12) in order to oppose the torque brought about by the cantilever.

IPC 8 full level

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