

Title (en)

Braking device for toggle-lever drive apparatuses

Title (de)

Bremsvorrichtung für Kniehebelantriebsgeräte

Title (fr)

Dispositif de freinage pour appareils de commande à genouillère

Publication

**EP 1952946 A2 20080806 (EN)**

Application

**EP 08001501 A 20080128**

Priority

IT MI20070176 A 20070202

Abstract (en)

The braking device (15, 16) for braking a rocking work arm (12) in toggle-lever drive apparatuses (10), comprises a hydraulic decelerator (17', 17'') operating in correspondence with an operative position of the work arm (12), which is provided with a control rod (18) movable according to a longitudinal axis (A); the braking device (15, 16) further comprises an actuating arm (19', 19'') connected to the rotatable drive shaft (13) of the work arm (12) and designed to act on the control rod (18) of the hydraulic decelerator (17', 17''). The control rod (18) of the decelerator (17', 17'') and the actuating arm (19', 19'') have arched contact surfaces (20, 21) shaped and disposed in such a way that the actuating arm (19', 19'') exerts a thrust force on the control rod (18) which remains substantially coaxial to the longitudinal axis (A) of the decelerator (17', 17'').

IPC 8 full level

**B25B 5/12** (2006.01); **B25B 5/16** (2006.01)

CPC (source: EP)

**B25B 5/064** (2013.01); **B25B 5/12** (2013.01); **B25B 5/122** (2013.01); **B25B 5/16** (2013.01)

Citation (applicant)

- EP 1300625 A2 20030409 - VEP AUTOMATION SRL [IT]
- EP 1199480 A2 20020424 - MIGLIORI LUCIANO [IT]
- DE 3307584 A1 19831006 - CKD AG KOMAKI [JP]

Cited by

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AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MT NL NO PL PT RO SE SI SK TR

Designated extension state (EPC)

AL BA MK RS

DOCDB simple family (publication)

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