

Title (en)

Device for dampening the oscillation of the arm of a handling equipment of the swingable lever type

Title (de)

Einrichtung zur Schwingungsdämpfung am Schwingarm eines Handhabungsgerätes

Title (fr)

Dispositif d'amortissement d'un bras pivotant d'équipement de manipulation

Publication

EP 1371857 A1 20031217 (EN)

Application

EP 03013186 A 20030612

Priority

IT TO20020504 A 20020614

Abstract (en)

A handling equipment of the swingable lever type comprises a driving double acting cylinder (5) having a chamber (18) in which a main piston (15) is sealingly mounted. The main piston (15) is connected to a rod (10) having a driving end (10a) which projects from the cylinder (5) and is associated with a movable arm (7). The equipment (1) is provided with a device for dampening the oscillation of the arm (7), which comprises an axial cavity (27) formed in the rod (10) and containing a service fluid, in which a stem (30) rigidly connected to the cylinder (5) and provided with orifice means (31,31a) for the service fluid is sealingly and slidably mounted in such a cavity (27). <IMAGE>

IPC 1-7

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IPC 8 full level

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CPC (source: EP US)

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Citation (search report)

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