

Title (en)
Load control device

Title (de)
Lastverstellvorrichtung

Title (fr)
Dispositif de commande de charge

Publication
EP 1063403 B1 20041201 (DE)

Application
EP 00109411 A 20000503

Priority
DE 19928632 A 19990623

Abstract (en)
[origin: EP1063403A2] The load adjuster incorporates an emergency spring (17) of elastic plastic. It is positioned between the adjusting shaft (2) and a lever (13), which is moved a return spring (12) against a stop (15) defining an emergency running position. The emergency spring is ring-shaped and engages around the adjusting shaft. The lever has a sleeve (16) located concentrically around the shaft. Lever and sleeve are a one-piece modular part of plastic.

IPC 1-7
F02D 9/02

IPC 8 full level
F02D 9/02 (2006.01)

CPC (source: EP KR US)
F02D 9/02 (2013.01 - EP KR US); **F02D 2009/0277** (2013.01 - EP US)

Cited by
FR2901005A1; EP1900925A3; WO2007131942A1; WO2017029124A1

Designated contracting state (EPC)
DE FR GB IT

DOCDB simple family (publication)
EP 1063403 A2 20001227; EP 1063403 A3 20010801; EP 1063403 B1 20041201; BR 0002852 A 20010130; DE 19928632 A1 20001228; DE 50008803 D1 20050105; KR 20010049617 A 20010615; US 6397815 B1 20020604

DOCDB simple family (application)
EP 00109411 A 20000503; BR 0002852 A 20000621; DE 19928632 A 19990623; DE 50008803 T 20000503; KR 20000034841 A 20000623; US 59814400 A 20000621