

Title (en)

Locking and actuating unit for a lateral jib locking device

Title (de)

Verriegelungs- und Betätigungseinheit für seitliche Auslegerverriegelung

Title (fr)

Unité de verrouillage et d'actionnement pour un dispositif de verrouillage latérale d'une flèche

Publication

EP 1153875 B1 20060607 (DE)

Application

EP 01110133 A 20010504

Priority

DE 10022373 A 20000508

Abstract (en)

[origin: EP1153875A1] The lock consists of a linearly movable locking-bolt (14) for joining and detaching an inner (18) and outer telescopic length of pipes. When extended, the locking bolt is held in a pretensioned position, and is moved by means of a rotary control (7) to which it is joined by a connecting element (10), especially in the form of a curved claw. The detaching appliance consists of a piston-cylinder unit (1,3), especially a cylinder head (2) on the piston-outlet side.

IPC 8 full level

B66C 23/693 (2006.01); **B66C 23/88** (2006.01); **B66C 23/68** (2006.01); **B66C 23/687** (2006.01); **B66C 23/70** (2006.01)

CPC (source: EP US)

B66C 23/705 (2013.01 - EP US); **B66C 23/708** (2013.01 - EP US)

Cited by

DE102009026975B4; CN101850935A; AT523791A3; AT523791B1; EP2835336A1; US10322915B2; DE102009026975A1

Designated contracting state (EPC)

DE ES FR GB IT

DOCDB simple family (publication)

EP 1153875 A1 20011114; **EP 1153875 B1 20060607**; CA 2346484 A1 20011108; CA 2346484 C 20061024; DE 10022373 A1 20011129; DE 10022373 B4 20051124; DE 50107717 D1 20051117; DE 50110000 D1 20060720; EP 1484275 A2 20041208; EP 1484275 A3 20041215; EP 1484275 B1 20051012; EP 1484275 B8 20060118; ES 2250947 T3 20060416; ES 2263529 T3 20061216; JP 2002003174 A 20020109; JP 3869679 B2 20070117; US 2001052506 A1 20011220; US 6520359 B2 20030218

DOCDB simple family (application)

EP 01110133 A 20010504; CA 2346484 A 20010507; DE 10022373 A 20000508; DE 50107717 T 20010504; DE 50110000 T 20010504; EP 04019505 A 20010504; ES 01110133 T 20010504; ES 04019505 T 20010504; JP 2001137362 A 20010508; US 84999301 A 20010508