

Title (en)
DEVICE FOR HOISTING LOADS

Title (de)
VORRICHTUNG ZUM ANHEBEN VON LASTEN

Title (fr)
DISPOSITIF POUR SOULEVER DES CHARGES

Publication
EP 2212232 B1 20110309 (DE)

Application
EP 08758601 A 20080517

Priority
• EP 2008003981 W 20080517
• DE 102007049632 A 20071017

Abstract (en)
[origin: WO2009049689A1] The invention relates to a device for hoisting loads having a cylindrical hollow space, particularly rolled goods such as paper reels, having an insertion part that may be inserted into the hollow space, expansion pieces (5, 6) being mounted in said insertion part that form a non-positive connection with the wall of the hollow space when extended laterally, wherein each expansion piece is mounted in a pivotable fashion about the same axis (7), pivotable into the expanded position by spring force (10a, 10b), and movable out of the expanded position by a force (13, 14) acting opposite the spring force.

IPC 8 full level
B66C 1/54 (2006.01)

CPC (source: EP)
B66C 1/54 (2013.01)

Designated contracting state (EPC)
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

DOCDB simple family (publication)
DE 102007049632 A1 20090423; AT E501085 T1 20110315; DE 502008002843 D1 20110421; EP 2212232 A1 20100804;
EP 2212232 B1 20110309; WO 2009049689 A1 20090423

DOCDB simple family (application)
DE 102007049632 A 20071017; AT 08758601 T 20080517; DE 502008002843 T 20080517; EP 08758601 A 20080517;
EP 2008003981 W 20080517