

Title (en)

DEVICE FOR FACILITATING HANDLING ON THE GROUND BY ROLLING AND PIVOTING REELS OR DRUMS

Title (de)

VORRICHTUNG ZUR ERLEICHTERUNG DER HANDHABUNG VON SPULEN ODER HASPELN DURCH ROLLEN UND SCHWENKEN AUF DEM BODEN

Title (fr)

DISPOSITIF DESTINE A FACILITER LA MANUTENTION AU SOL PAR ROULAGE ET LE PIVOTEMENT DE BOBINES OU TOURETS

Publication

**EP 1440028 A1 20040728 (FR)**

Application

**EP 02791890 A 20021024**

Priority

- FR 0203640 W 20021024
- FR 0114246 A 20011024

Abstract (en)

[origin: WO03035529A1] The invention concerns a device characterized in that it comprises means acting as free wheel mounted at the periphery of at least an end shield (2), so that said end shield (2) rotates freely relative to said means, such that by manually maneuvering one of the end shields the reel is pivoted relative to the other end shield.

IPC 1-7

**B65H 75/14; B65H 49/38**

IPC 8 full level

**B65H 49/38** (2006.01); **B65H 75/14** (2006.01)

CPC (source: EP)

**B65H 49/38** (2013.01); **B65H 75/14** (2013.01)

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LI LU MC NL PT SE SK TR

DOCDB simple family (publication)

**FR 2831152 A1 20030425**; AT E374159 T1 20071015; DE 60222689 D1 20071108; DE 60222689 T2 20080717; EP 1440028 A1 20040728; EP 1440028 B1 20070926; WO 03035529 A1 20030501

DOCDB simple family (application)

**FR 0114246 A 20011024**; AT 02791890 T 20021024; DE 60222689 T 20021024; EP 02791890 A 20021024; FR 0203640 W 20021024