

Title (en)
MOTORIZED HOSE REEL DRUM

Title (de)
MOTORISIERTE SCHLAUCHTROMMEL

Title (fr)
TAMBOUR MOTORISE POUR BOBINE DE TUYAU

Publication
EP 4400464 A1 20240717 (EN)

Application
EP 24152042 A 20240116

Priority
DK PA202370018 A 20230116

Abstract (en)

The present invention relates to a motorized hose reel drum system (1), comprising a drum (2), a throughgoing axle (3) having a first axle end (3a) and a second axle end (3b), a motor (4), a frame (5), drive means configured to rotate the drum around an axis defined by the axle, by a force of the motor, said motorized hose reel drum further comprising a motor bracket (6) having a first fitting end (6a) and an opposing second fitting end (6b), said motor bracket (6) is fixed to the frame (5) by the first fitting end (6a) and attached to the motor (4) at the second fitting end (6b), wherein the motor (4) and motor bracket (6) are arranged inside the drum (2).

IPC 8 full level

B65H 75/44 (2006.01)

CPC (source: DK EP)
B65H 75/44 (2013.01 - DK); **B65H 75/4486** (2013.01 - DK EP); **B65H 2701/33** (2013.01 - EP)

Citation (applicant)

- WO 03026995 A2 20030403 - HARTLEY BRIAN [GB]
- CN 111453556 A 20200728 - BEIJING INSTITUTE TECH
- DE 19840831 A1 20000316 - SCHMIDT VOLKER U [DE]

Citation (search report)

- [XAY] JP S57137273 A 19820824 - SHIN MEIWA IND CO LTD
- [Y] EP 1445228 B1 20070905 - MURA METALLTECHNIK GMBH [DE]
- [XA] FR 1459193 A 19660429 - TH PERNIN & FILS
- [A] US 5289845 A 19940301 - SIPOS DAVID L [US], et al
- [A] US 2963227 A 19601206 - LAMBERT ROBERT D

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC ME MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)
BA

Designated validation state (EPC)
GE KH MA MD TN

DOCDB simple family (publication)
EP 4400464 A1 20240717; DK 181591 B1 20240613; DK 202370018 A1 20240613

DOCDB simple family (application)
EP 24152042 A 20240116; DK PA202370018 A 20230116