

Title (en)

WINDING-UNWINDING DEVICE OF A PROTECTIVE TARPAULIN

Title (de)

EIN- UND AUFROLLVORRICHTUNG EINER SCHUTZPLANE

Title (fr)

DISPOSITIF ENROULEUR-DEROULEUR D'UNE BACHE DE PROTECTION

Publication

EP 3730724 B1 20210505 (FR)

Application

EP 20170303 A 20200420

Priority

FR 1904494 A 20190426

Abstract (en)

[origin: US2020340262A1] A rolling-unrolling device for a protective cover for covering a surface to be protected is presented. The device is self-propelling and includes a braking system for blocking the rotation of at least one drive wheel of the carriages and causing the cover to be automatically tensioned during the rolling up thereof on the roller tube. This braking system includes a movable pawl integral with each of the carriages, and a ratchet wheel integral with the drive wheel of each of the carriages, such that, in the direction of rotation corresponding to the unrolling of the cover, the pawl is not engaged with the ratchet wheel and the braking system is in the passive position, and in the opposite direction of rotation corresponding to the rolling up of the cover, the pawl is engaged with the ratchet wheel and the braking system is in the active position.

IPC 8 full level

E04H 4/10 (2006.01); **A63C 19/12** (2006.01)

CPC (source: EP US)

A63C 19/12 (2013.01 - EP); **B65H 75/4442** (2013.01 - US); **B65H 75/4497** (2013.01 - US); **E04H 4/101** (2013.01 - EP US)

Cited by

FR3137936A1

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 MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)

EP 3730724 A1 20201028; **EP 3730724 B1 20210505**; ES 2869556 T3 20211025; FR 3095432 A1 20201030; FR 3095432 B1 20210416; PL 3730724 T3 20210823; PT 3730724 T 20210601; US 11346120 B2 20220531; US 2020340262 A1 20201029

DOCDB simple family (application)

EP 20170303 A 20200420; ES 20170303 T 20200420; FR 1904494 A 20190426; PL 20170303 T 20200420; PT 20170303 T 20200420; US 202016854179 A 20200421