

Title (en)

METHOD FOR UNWINDING/ WINDING A LAMINAR SHEET AND WINDING STRUCTURE FOR COVERING AREAS SUITABLE FOR IMPLEMENTING SAID METHOD.

Title (de)

VERFAHREN ZUM ABWICKELN/WICKELN EINES LAMINAREN FLÄCHENGEBILDES UND ZUR IMPLEMENTIERUNG DES VERFAHRENS GEEIGNETE WICKELSTRUKTUR ZUR ABDECKUNG VON FLÄCHEN

Title (fr)

PROCEDE DE DEROULEMENT / D'ENROULEMENT D'UNE FEUILLE LAMINAIRE ET STRUCTURE D'ENROULEMENT POUR RECOUVRIER DES ZONES CONVENANT A LA MISE EN UVRE DUDIT PROCEDE

Publication

EP 1974107 B1 20140806 (EN)

Application

EP 06711384 A 20060117

Priority

IT 2006000025 W 20060117

Abstract (en)

[origin: WO2007083328A1] A method for unwinding/winding a laminar sheet (2) arranged so as to cover an area (a) and forming part of a winding structure (1) , which comprises a supporting structure (3) associated with the area and including a cylinder (9) for supporting said laminar sheet that identifies a first longitudinal axis of rotation, drive means (11) for rotating the cylinder around the first longitudinal axis and elastic means (12) cooperating mechanically with the drive means (11) during the unwinding/winding of the laminar sheet. The unwinding of the laminar sheet from the cylinder is due to the effect of the rotation of the cylinder induced by the drive means, while the winding of the laminar sheet onto the cylinder is due to the effect of the recovery of the mechanical energy stored by the elastic means during the unwinding of the laminar sheet .

IPC 8 full level

E04F 10/06 (2006.01); **E04H 15/58** (2006.01)

CPC (source: EP US)

E04F 10/0648 (2013.01 - EP US); **E04F 10/0655** (2013.01 - EP US); **E04F 10/0681** (2013.01 - EP US); **E04H 15/58** (2013.01 - EP US); **E04F 10/0633** (2013.01 - EP US)

Citation (examination)

- US 4687168 A 19870818 - RUPP HERBERT E [US]
- US 5961092 A 19991005 - COFFIELD FRANKLIN R [US]
- FR 2421246 A1 19791026 - RIRI ITALIA SPA [IT]

Cited by

EP3572597A1; EP3594440A1; IT201900019175A1

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

Designated extension state (EPC)

HR

DOCDB simple family (publication)

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DOCDB simple family (application)

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