

Title (en)  
WINDING UNIT HAVING TAPS FORMED ON THE SUPPORT

Title (de)  
WICKLUNGSEINHEIT MIT AM STÜTZER AUSGEBILDETEN ANZAPFUNGEN

Title (fr)  
UNITÉ D'ENROULEMENT À PRISES FORMÉES AU NIVEAU DU SUPPORT

Publication  
**EP 3685413 A1 20200729 (DE)**

Application  
**EP 18800503 A 20181024**

Priority

- DE 102017220779 A 20171121
- EP 2018079127 W 20181024

Abstract (en)  
[origin: CA3083142A1] Abstract The invention relates to a winding unit (10) for connecting to a high-voltage network. The winding unit has a winding (12), which is embedded in a solid insulating body (11), and a first main connection terminal (19), which is connected to a first winding end of the winding (12) and is arranged on a first support (1) formed on insulating body (11). Furthermore, a second main connection terminal (20) is provided, which is connected to a second winding end of the winding (12). The winding has partial windings (13, 14) and taps (17), by means of which the number of windings of the partial windings (13, 14) connected in series can be set. By means of outgoing lines (15, 16, 18) extending in the insulating body (11), the taps (17) are connected to a tap connection terminal (3, 4, 5, 6, 7, 8) accessible from the outside. In order to encapsulate the upper voltage in the resin block over the entire periphery by means of a shielding cage, according to the invention, the tap connection terminals (3, 4, 5, 6, 7, 8) are formed on the support (1). Date Recue/Date Received 2020-04-28

IPC 8 full level  
**H01F 29/02** (2006.01); **H01F 27/32** (2006.01)

CPC (source: EP US)  
**H01F 27/29** (2013.01 - EP US); **H01F 27/327** (2013.01 - EP US); **H01F 29/025** (2013.01 - EP)

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

Designated extension state (EPC)  
BA ME

DOCDB simple family (publication)  
**DE 102017220779 A1 20190523**; BR 112020009328 A2 20201027; BR 112020009328 A8 20230207; BR 112020009328 B1 20240312; CA 3083142 A1 20190531; CA 3083142 C 20230314; CN 111373497 A 20200703; CN 111373497 B 20230721; EP 3685413 A1 20200729; EP 3685413 B1 20230531; MX 2020005122 A 20201106; US 11557424 B2 20230117; US 2020357566 A1 20201112; WO 2019101460 A1 20190531

DOCDB simple family (application)  
**DE 102017220779 A 20171121**; BR 112020009328 A 20181024; CA 3083142 A 20181024; CN 201880074849 A 20181024; EP 18800503 A 20181024; EP 2018079127 W 20181024; MX 2020005122 A 20181024; US 201816765945 A 20181024