

Title (en)  
WINDING ARRANGEMENT

Title (de)  
WICKLUNGSANORDNUNG

Title (fr)  
ENSEMBLE ENROULEMENT

Publication  
**EP 3365902 B1 20210217 (DE)**

Application  
**EP 16805032 A 20161123**

Priority  
• DE 102015226097 A 20151218  
• EP 2016078500 W 20161123

Abstract (en)  
[origin: CA3006608A1] In order to provide a winding arrangement (8) - comprising a number of winding sections (3a, 3b, 3c...3n) arranged spaced apart from one another in the axial direction and electrically connected to one another forming a series circuit, each winding section comprising a conductor (2) which is wound from an inner end (5a, 5b, 5c...5n) to an outer end (6a, 6b, 6c...6n) of the respective winding section (3a, 3b, 3c...3n) and thus enlarges the winding section (3a, 3b, 3c...3n) in the radial direction, wherein at least one winding section (3a, 3b, 3c...3n) is electrically connected at the outer end (6a, 6b, 6c...6n) thereof to the inner end (5a, 5b, 5c...5n) of the subsequent winding section (3a, 3b, 3c...3n) in the axial direction - which can be cost effectively produced and the winding sections of which are arranged with a comparatively small separation from one another, it is proposed that at least one subsequent winding section (3a, 3b, 3c...3n) in the axial direction forms a step region (10a, 10b, 10c...10n) in which the inner end (5a, 5b, 5c...5n) thereof is arranged in the radial direction at the height of the outer end (6a, 6b, 6c...6n) of the winding section (3a, 3b, 3c...3n) to which same is electrically connected.

IPC 8 full level  
**H01F 27/28** (2006.01); **H01F 41/063** (2016.01); **H01F 41/084** (2016.01)

CPC (source: EP RU US)  
**H01F 27/2847** (2013.01 - EP RU US); **H01F 41/063** (2016.01 - EP RU US); **H01F 41/071** (2016.01 - RU US); **H01F 41/084** (2016.01 - EP RU US)

Citation (examination)  
• EP 2251877 A1 20101117 - ABB TECHNOLOGY AG [CH]  
• US 4084144 A 19780411 - WENIGER MANFRED

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)  
**DE 102015226097 B3 20170316**; BR 112018012061 A2 20181204; CA 3006608 A1 20170622; CA 3006608 C 20201027;  
CN 108369854 A 20180803; CN 108369854 B 20210316; EP 3365902 A1 20180829; EP 3365902 B1 20210217; RU 2686721 C1 20190506;  
US 2018350510 A1 20181206; WO 2017102269 A1 20170622

DOCDB simple family (application)  
**DE 102015226097 A 20151218**; BR 112018012061 A 20161123; CA 3006608 A 20161123; CN 201680073462 A 20161123;  
EP 16805032 A 20161123; EP 2016078500 W 20161123; RU 2018121839 A 20161123; US 201616061704 A 20161123