

Title (en)

METHOD FOR PRODUCING A WOUND CONDUCTOR AND WOUND CONDUCTOR ARRANGEMENT

Title (de)

VERFAHREN ZUR HERSTELLUNG EINES WICKELLEITERS UND WICKELLEITERANORDNUNG

Title (fr)

PROCÉDÉ DE PRODUCTION D'UN ROULEAU CONDUCTEUR ET ENSEMBLE CONDUCTEUR ENROULÉ

Publication

EP 3200206 A1 20170802 (EN)

Application

EP 16152879 A 20160127

Priority

EP 16152879 A 20160127

Abstract (en)

It is proposed a method for producing an insulated wound conductor (200) for an electrical machine. The method includes providing one or more shrinkable tubes (101; 102) including a tube wall (103) and an inner hollow space (104) being surrounded by the tube wall (103). The tube wall includes at least an insulation layer of insulation material for insulating the wound conductor (200). The method further includes forming a wound conductor (200) by guiding at least one wire (105) including a conductive material from a wire supply device (110) to the at least one shrinkable tube (101; 102) and driving the wire (105) at least once in and through the inner hollow space (104) of the shrinkable tube (101; 102). The method further includes shrinking the shrinkable tube (101; 102) around the one or more wires (105) within the shrinkable tube.

IPC 8 full level

H01F 5/06 (2006.01); **H01F 27/32** (2006.01); **H01F 41/12** (2006.01)

CPC (source: EP)

H01F 5/06 (2013.01); **H01F 41/12** (2013.01); **H01F 2027/329** (2013.01)

Citation (search report)

- [XAY] US 4355459 A 19821026 - TAKAHASHI TERUO, et al
- [X] US 3702499 A 19721114 - VIRSBREG LARS-GORAN
- [Y] GB 1475292 A 19770601 - RAYCHEM CORP

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)

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DOCDB simple family (publication)

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