

Title (en)  
THREE-ZONE SINGLE TOOTH WINDING

Title (de)  
DREIZONEN-EINSCHICHT-ZAHNSPULENWICKLUNG

Title (fr)  
ENROULEMENT CONCENTRÉ MONOCOUCHE TROIS ZONES

Publication  
**EP 3782263 A1 20210224 (DE)**

Application  
**EP 19739559 A 20190709**

Priority  
• DE 102018117260 A 20180717  
• EP 2019068440 W 20190709

Abstract (en)  
[origin: WO2020016066A1] The invention relates to a polyphase machine having a 2p pole stator with winding teeth (Z) and N slots, designed with a winding arrangement in distributed single tooth winding technology, comprising three phase windings (W1, W2, W3), each wound on coil groups (G1, G2, G3) of repeating wound winding units, and the phase windings (W1, W2, W3) of the repeating winding units are offset from one another in accordance with the following rule by an integer number of q slot pitches.

IPC 8 full level  
**H02K 3/28** (2006.01); **H02K 3/12** (2006.01); **H02K 21/14** (2006.01)

CPC (source: EP)  
**H02K 3/12** (2013.01); **H02K 3/28** (2013.01); **H02K 21/14** (2013.01)

Citation (search report)  
See references of WO 2020016066A1

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)  
**WO 2020016066 A1 20200123**; CN 209088664 U 20190709; DE 102018117260 A1 20200123; EP 3782263 A1 20210224

DOCDB simple family (application)  
**EP 2019068440 W 20190709**; CN 201821683798 U 20181017; DE 102018117260 A 20180717; EP 19739559 A 20190709