

Title (en)  
SHORT-CIRCUIT RING FOR CONNECTING TO CAGE BARS

Title (de)  
KURZSCHLUSSRING ZUR VERBINDUNG MIT KÄFIGSTÄBEN

Title (fr)  
BAGUE DE COURT-CIRCUITAGE À CONNECTER À DES TIGES DE CAGE

Publication  
**EP 3711148 A1 20200923 (DE)**

Application  
**EP 18833878 A 20181221**

Priority

- EP 18154071 A 20180130
- EP 2018086522 W 20181221

Abstract (en)  
[origin: WO2019149430A1] The invention relates to a short-circuit ring (1) for a squirrel cage of an electric machine, wherein the short-circuit ring (1) has at least one recess, preferably multiple recesses, for receiving at least one cage bar (3), preferably multiple cage bars, wherein the short-circuit ring (1) is designed to accommodate one end of the cage bar (3). Adjacent to at least one recess, a well having a well contour (4, 5, 6, 7, 8, 9) is formed at a front axial end (12) of the short-circuit ring (1). The invention also relates to a method for connecting a short-circuit ring (1) of this type to at least one cage bar (3), preferably multiple cage bars, for producing a squirrel cage.

IPC 8 full level  
**H02K 15/00** (2006.01); **H02K 17/16** (2006.01)

CPC (source: EP US)  
**H02K 15/0012** (2013.01 - EP US); **H02K 17/165** (2023.05 - US); **H02K 17/20** (2013.01 - EP); **H02K 2213/12** (2013.01 - US)

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)  
**EP 3518398 A1 20190731**; CN 111656654 A 20200911; EP 3711148 A1 20200923; US 2021044189 A1 20210211;  
WO 2019149430 A1 20190808

DOCDB simple family (application)  
**EP 18154071 A 20180130**; CN 201880088038 A 20181221; EP 18833878 A 20181221; EP 2018086522 W 20181221;  
US 201816965881 A 20181221