

Title (en)  
STATOR CORE COMPRISING A FLOW-PATH BARRIER

Title (de)  
STATORPAKET MIT FLIEßWEGBARRIERE

Title (fr)  
NOYAU DE STATOR FORMANT BARRIÈRE À L'ÉCOULEMENT

Publication  
**EP 3078097 A2 20161012 (DE)**

Application  
**EP 14805891 A 20141201**

Priority  
• EP 13195701 A 20131204  
• EP 2014076045 W 20141201  
• EP 14805891 A 20141201

Abstract (en)  
[origin: WO2015082373A2] The invention relates to a stator core for use in an electromagnetic machine, containing at least one first lamination and one second lamination each of which has an annular element with a central point, an inner side, and an outer side; and at least one pole element which is positioned on the inner side of said annular element and extends in a radial direction to the central point of the annular element, said pole element comprising a pole tooth that has a first pole tooth end, a second pole tooth end, an upper side, a first lower side and a second lower side. The pole tooth contains at least one flow barrier element.

IPC 8 full level  
**H02K 1/16** (2006.01); **H02K 3/34** (2006.01); **H02K 15/12** (2006.01)

CPC (source: CN EP US)  
**H02K 1/146** (2013.01 - CN US); **H02K 1/165** (2013.01 - EP US); **H02K 3/325** (2013.01 - CN); **H02K 3/345** (2013.01 - CN EP US); **H02K 3/522** (2013.01 - CN); **H02K 15/022** (2013.01 - US); **H02K 15/12** (2013.01 - EP US)

Citation (search report)  
See references of WO 2015082373A2

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 2882077 A1 20150610**; CN 105794084 A 20160720; EP 3078097 A2 20161012; JP 2016539616 A 20161215; US 2016308407 A1 20161020; WO 2015082373 A2 20150611; WO 2015082373 A3 20151119

DOCDB simple family (application)  
**EP 13195701 A 20131204**; CN 201480066100 A 20141201; EP 14805891 A 20141201; EP 2014076045 W 20141201; JP 2016536732 A 20141201; US 201415101629 A 20141201