

Title (en)

SYNCHRONOUS RELUCTANCE ELECTRIC MACHINE WITH OPEN TANGENTIAL BRIDGES

Title (de)

ELEKTRISCHE SYNCHRONRELUKTANZMASCHINE MIT OFFENEN TANGENTIALBRÜCKEN

Title (fr)

MACHINE ELECTRIQUE SYNCHRO-RELUCTANTE A PONTS TANGENTIELS OUVERTS

Publication

**EP 4233152 A1 20230830 (FR)**

Application

**EP 21790196 A 20211011**

Priority

- FR 2010815 A 20201022
- EP 2021078012 W 20211011

Abstract (en)

[origin: WO2022084080A1] The aim of the invention is to reduce magnetic short circuiting by opening the tangential bridges, thereby increasing the magnetic flux in the air gap and thus improving the electromagnetic performance of the synchronous reluctance machine.

IPC 8 full level

**H02K 1/276** (2022.01)

CPC (source: EP)

**H02K 1/2766** (2013.01); **H02K 2201/03** (2013.01); **H02K 2213/03** (2013.01)

Citation (search report)

See references of WO 2022084080A1

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

Designated validation state (EPC)

KH MA MD TN

DOCDB simple family (publication)

**WO 2022084080 A1 20220428**; EP 4233152 A1 20230830; FR 3115639 A1 20220429; FR 3115639 B1 20230421

DOCDB simple family (application)

**EP 2021078012 W 20211011**; EP 21790196 A 20211011; FR 2010815 A 20201022