

Title (en)
COOLED ELECTRIC UNIT

Title (de)
GEKÜHLTE ELEKTRISCHE BAUEINHEIT

Title (fr)
UNITÉ MODULAIRE ÉLECTRIQUE REFROIDIE

Publication
EP 2436032 A1 20120404 (DE)

Application
EP 10732266 A 20100520

Priority
• DE 2010000566 W 20100520
• DE 102009022877 A 20090527

Abstract (en)
[origin: WO2010136017A1] Electric unit, having at least one cooler structure and at least one electric module comprising at least one electric element on a metal-ceramic substrate.

IPC 8 full level
H01L 23/373 (2006.01); **H01L 23/473** (2006.01)

CPC (source: EP KR US)
H01L 23/373 (2013.01 - KR); **H01L 23/3735** (2013.01 - EP US); **H01L 23/3736** (2013.01 - US); **H01L 23/473** (2013.01 - EP KR US); **H05K 7/20509** (2013.01 - US); **H01L 2224/32225** (2013.01 - EP US); **H01L 2924/01006** (2013.01 - EP US); **H01L 2924/01013** (2013.01 - EP US); **H01L 2924/01029** (2013.01 - EP US); **H01L 2924/0103** (2013.01 - EP US); **H01L 2924/01042** (2013.01 - EP US); **H01L 2924/01046** (2013.01 - EP US); **H01L 2924/01049** (2013.01 - EP US); **H01L 2924/01074** (2013.01 - EP US); **H01L 2924/01078** (2013.01 - EP US); **H01L 2924/1301** (2013.01 - EP US); **H01L 2924/13055** (2013.01 - EP US)

Citation (search report)
See references of WO 2010136017A1

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 SE SI SK SM TR

DOCDB simple family (publication)
WO 2010136017 A1 20101202; CN 102449758 A 20120509; EP 2436032 A1 20120404; JP 2012528471 A 20121112; KR 20120018811 A 20120305; US 2012069524 A1 20120322; US 2014334103 A1 20141113

DOCDB simple family (application)
DE 2010000566 W 20100520; CN 201080022845 A 20100520; EP 10732266 A 20100520; JP 2012512201 A 20100520; KR 20117031199 A 20100520; US 201013322765 A 20100520; US 201414339856 A 20140724