

Title (en)
MODIFIED SURFACE AROUND A HOLE

Title (de)
MODIFIZIERTE OBERFLÄCHE UM EIN LOCH

Title (fr)
SURFACE MODIFIÉE AUTOUR D'UN TROU

Publication
EP 2904211 A1 20150812 (DE)

Application
EP 13786472 A 20131105

Priority
• EP 12192931 A 20121116
• EP 2013073001 W 20131105
• EP 13786472 A 20131105

Abstract (en)
[origin: EP2733310A1] The layer system (25) has a substrate (4) that is connected with a ceramic exterior layer (10) which is provided with a surface (42). A hole (13) is formed in the exterior layer. A recess portion is formed in the proximity at the hole or directly at a boundary line of the hole in the surface of the exterior layer. The end regions of the recess portion are arranged opposite to each other.

IPC 8 full level
F01D 5/18 (2006.01); **F01D 5/00** (2006.01); **F01D 5/28** (2006.01); **F23R 3/00** (2006.01)

CPC (source: EP US)
B32B 3/26 (2013.01 - US); **B32B 3/266** (2013.01 - US); **B32B 3/30** (2013.01 - US); **F01D 5/005** (2013.01 - EP US); **F01D 5/186** (2013.01 - EP US); **F01D 5/288** (2013.01 - EP US); **F01D 9/02** (2013.01 - US); **F01D 25/12** (2013.01 - US); **F23R 3/04** (2013.01 - EP US); **B32B 2603/00** (2013.01 - US); **F05D 2220/32** (2013.01 - US); **F05D 2230/312** (2013.01 - EP US); **F05D 2230/313** (2013.01 - EP US); **F05D 2230/314** (2013.01 - EP US); **F05D 2230/80** (2013.01 - EP US); **F05D 2230/90** (2013.01 - EP US); **F05D 2250/52** (2013.01 - EP US); **F05D 2250/71** (2013.01 - EP US); **F05D 2260/202** (2013.01 - EP US); **F05D 2260/94** (2013.01 - EP US); **F05D 2300/15** (2013.01 - EP US); **F05D 2300/175** (2013.01 - EP US); **F05D 2300/20** (2013.01 - US); **F05D 2300/2112** (2013.01 - EP US); **F05D 2300/607** (2013.01 - EP US); **F05D 2300/611** (2013.01 - EP US); **F05D 2300/615** (2013.01 - EP US); **F23R 2900/00005** (2013.01 - EP US); **F23R 2900/03042** (2013.01 - EP US); **Y02T 50/60** (2013.01 - EP US)

Citation (search report)
See references of WO 2014075947A1

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 2733310 A1 20140521; CN 104797783 A 20150722; EP 2904211 A1 20150812; IN 3152DEN2015 A 20151002; JP 2015536406 A 20151221; US 2016281511 A1 20160929; WO 2014075947 A1 20140522

DOCDB simple family (application)
EP 12192931 A 20121116; CN 201380059956 A 20131105; EP 13786472 A 20131105; EP 2013073001 W 20131105; IN 3152DEN2015 A 20150415; JP 2015542212 A 20131105; US 201314442152 A 20131105