

Title (en)
TURBOMACHINE COMBUSTION CHAMBER SHELL RING

Title (de)
MANTELRING EINER TUBOMASCHINENBRENNKAMMER

Title (fr)
VIROLE DE CHAMBRE DE COMBUSTION DE TURBOMACHINE

Publication
EP 2856036 A2 20150408 (FR)

Application
EP 13728462 A 20130523

Priority
• FR 1254847 A 20120525
• FR 2013051117 W 20130523

Abstract (en)
[origin: WO2013175126A2] The dilution holes (39) in a shell ring (2, 3) of a turbomachine combustion chamber are covered with platelets (40) which delimit chambers (49) around them on the interior face of the shell ring. Ventilation holes (45), passing through the platelet, cause those portions of the shell ring surrounding the dilution holes (39) to be ventilated, cooling these portions and preventing crack formation.

IPC 8 full level
F23R 3/06 (2006.01)

CPC (source: EP RU US)
F23R 3/06 (2013.01 - EP US); **F23R 3/06** (2013.01 - RU); **F23R 3/50** (2013.01 - RU); **F23R 2900/03041** (2013.01 - EP US); **F23R 2900/03042** (2013.01 - EP US); **F23R 2900/03044** (2013.01 - EP US)

Citation (search report)
See references of WO 2013175126A2

Cited by
US10174947B1; EP2730844B1

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)
WO 2013175126 A2 20131128; WO 2013175126 A3 20140424; BR 112014027018 A2 20170627; BR 112014027018 B1 20210525; CA 2871923 A1 20131128; CA 2871923 C 20200211; CN 104520647 A 20150415; CN 104520647 B 20160224; EP 2856036 A2 20150408; EP 2856036 B1 20180912; FR 2991028 A1 20131129; FR 2991028 B1 20140704; IN 8528DEN2014 A 20150515; RU 2014152849 A 20160720; RU 2626876 C2 20170802; US 2015059344 A1 20150305; US 9377200 B2 20160628

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