

Title (en)
PLASMA HEADER GASKET AND SYSTEM

Title (de)
PLASMAENDKAMMERDICHTUNG UND SYSTEM

Title (fr)
JOINT DE COLLECTEUR À PLASMA ET SYSTÈME ASSOCIÉ

Publication
EP 3497318 A4 20191218 (EN)

Application
EP 17841775 A 20170303

Priority
• US 201615236674 A 20160815
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Abstract (en)
[origin: WO2018034697A1] A plasma header gasket for use with an internal combustion engine includes plasma-igniters disposed around the perimeter of apertures in the gasket corresponding to piston cylinders in the engine. The plasma-igniters produce a plasma ionization field in time with the engine to increase the efficiency of combustion.

IPC 8 full level
F02M 9/00 (2006.01); **F02M 27/04** (2006.01); **F02P 3/04** (2006.01); **F02P 5/15** (2006.01); **F02P 11/00** (2006.01); **F02P 13/00** (2006.01); **F02P 15/02** (2006.01); **F02P 15/08** (2006.01); **F02P 15/10** (2006.01); **F02P 23/04** (2006.01); **F16J 15/08** (2006.01); **H01T 13/28** (2006.01)

CPC (source: EA EP KR)
F02M 27/042 (2013.01 - EP); **F02P 5/1502** (2013.01 - KR); **F02P 9/00** (2013.01 - EA); **F02P 9/007** (2013.01 - KR); **F02P 11/00** (2013.01 - EA KR); **F02P 13/00** (2013.01 - EA EP KR); **F02P 15/02** (2013.01 - EA EP KR); **F02P 15/08** (2013.01 - KR); **F02P 15/10** (2013.01 - KR); **F02P 23/04** (2013.01 - EA KR); **F16J 15/0825** (2013.01 - EP); **F02P 3/0407** (2013.01 - EA EP); **F02P 5/045** (2013.01 - EA EP); **F02P 5/1502** (2013.01 - EA EP); **F02P 9/007** (2013.01 - EA EP); **F02P 15/08** (2013.01 - EA EP); **F02P 15/10** (2013.01 - EA EP); **F16J 2015/0868** (2013.01 - EP); **H01T 13/28** (2013.01 - EP); **H01T 13/467** (2013.01 - EP)

Citation (search report)
• [Y] US 2014299086 A1 20141009 - MONROS SERGE V [US]
• [Y] US 2015102719 A1 20150416 - MONROS SERGE V [US], et al
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• See references of WO 2018034697A1

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

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