

Title (en)
PISTON FOR AN INTERNAL COMBUSTION ENGINE

Title (de)
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Title (fr)
PISTON POUR MOTEUR À COMBUSTION INTERNE

Publication
EP 3030773 A1 20160615 (DE)

Application
EP 14747891 A 20140730

Priority
• DE 102013215538 A 20130807
• EP 2014066380 W 20140730

Abstract (en)
[origin: WO2015018712A1] A piston (10) for an internal combustion engine has discrete, cylindrical support surfaces (18, 24) for supporting a piston pin, wherein, between at least two support surfaces (18, 24), there is provided a recess (26) which has a radial depth of at least 10% of half of the distance between two opposite support surfaces.

IPC 8 full level
F02F 3/00 (2006.01); **F16J 1/02** (2006.01)

CPC (source: EP US)
F02F 3/22 (2013.01 - EP US); **F02F 3/285** (2013.01 - US); **F16J 1/001** (2013.01 - EP US); **F16J 1/16** (2013.01 - EP US)

Citation (search report)
See references of WO 2015018712A1

Citation (examination)
WO 2008124807 A1 20081016 - FEDERAL MOGUL CORP [US], et al

Designated contracting state (EPC)
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Designated extension state (EPC)
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DE 102013215538 A1 20150212; DE 102013215538 B4 20150219; BR 112016002455 A2 20170801; CN 105452639 A 20160330; CN 105452639 B 20181009; EP 3030773 A1 20160615; JP 2016532047 A 20161013; JP 6363710 B2 20180725; KR 102186278 B1 20201204; KR 20160034929 A 20160330; MX 2016000534 A 20160420; US 2016177866 A1 20160623; US 9945320 B2 20180417; WO 2015018712 A1 20150212

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