

Title (en)  
OZONE GENERATOR DEVICE FOR INTERNAL COMBUSTION ENGINE

Title (de)  
OZONGENERATORVORRICHTUNG FÜR BRENNKRAFTMASCHINE

Title (fr)  
DISPOSITIF GÉNÉRATEUR D'OZONE POUR MOTEUR À COMBUSTION INTERNE

Publication  
**EP 3589582 A1 20200108 (EN)**

Application  
**EP 18712464 A 20180227**

Priority  
• IT 201700022545 A 20170228  
• IB 2018051243 W 20180227

Abstract (en)  
[origin: WO2018158688A1] Ozone generator device (100) for an internal combustion engine comprising at least a transformer (101), at least one support (102), and at least one pair of electrical wires (103, 104) arranged in a spiral around the at least one support (102) at a distance comprised between 2 mm and 5 mm each other for the generation of micro- electrical discharges and having first ends connected to the transformer (101). The electric wires (103, 104) comprise second free isolated ends.

IPC 8 full level  
**C01B 13/11** (2006.01); **F02M 25/12** (2006.01); **F02M 27/04** (2006.01)

CPC (source: EP)  
**C01B 13/11** (2013.01); **F02M 25/12** (2013.01); **F02M 27/042** (2013.01); **Y02T 10/12** (2013.01)

Citation (search report)  
See references of WO 2018158688A1

Designated contracting state (EPC)  
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Designated extension state (EPC)  
BA ME

DOCDB simple family (publication)  
**WO 2018158688 A1 20180907**; EP 3589582 A1 20200108; IT 201700022545 A1 20180828

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