

Title (en)  
Energy saving device for generators

Title (de)  
Energiesparvorrichtung für Generatoren

Title (fr)  
Dispositif économiseur d'énergie pour générateurs

Publication  
**EP 1845251 A1 20071017 (EN)**

Application  
**EP 06007508 A 20060410**

Priority  
EP 06007508 A 20060410

Abstract (en)  
An energy saving device for generators includes an ion generation device (13) which has a first end thereof connected to an ion discharge line (15) and a second end of the ion generation device is connected with a power source (14). The ion discharge line (15) can be installed in the air-filtering fore pipe (2), the air filter (3), the air-filtering rear pipe (4), the mixing chamber (7), the fuel injection pipe (8), the main body (9), or the air pipe of the generator. The energy saving device improves the quality of mixture of the fuel and air so that the efficiency of the combustion is increased.

IPC 8 full level  
**F02M 27/04** (2006.01)

CPC (source: EP)  
**F02M 27/04** (2013.01); **F02M 27/042** (2013.01)

Citation (search report)

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- [X] US 4850188 A 19890725 - TESTONE ANTHONY Q [US]
- [X] WO 2005012718 A1 20050210 - KOBE FUJIYA [JP], et al
- [X] PATENT ABSTRACTS OF JAPAN vol. 2003, no. 12 5 December 2003 (2003-12-05)
- [X] PATENT ABSTRACTS OF JAPAN vol. 2003, no. 12 5 December 2003 (2003-12-05)
- [X] PATENT ABSTRACTS OF JAPAN vol. 007, no. 193 (M - 238) 24 August 1983 (1983-08-24)
- [X] PATENT ABSTRACTS OF JAPAN vol. 009, no. 087 (M - 372) 17 April 1985 (1985-04-17)

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Designated contracting state (EPC)  
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

Designated extension state (EPC)  
AL BA HR MK YU

DOCDB simple family (publication)  
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