

Title (en)  
EXHAUST GAS PURIFYING DEVICE

Title (de)  
ABGASREINIGUNGSVORRICHTUNG

Title (fr)  
DISPOSITIF DE PURIFICATION DE GAZ D'ECHAPPEMENT

Publication  
**EP 1503069 A1 20050202 (EN)**

Application  
**EP 03725610 A 20030418**

Priority  
• JP 0304995 W 20030418  
• JP 2002306187 A 20021021  
• KR 20020021748 A 20020420

Abstract (en)  
In a path of a fuel pipe 18 from a fuel tank 16 to an internal combustion engine 14, a tube body 24 packed with a catalyst material 10 made of a mixture of nylon and ceramics that generate minus ions is connected to impart negative electric charges to liquid fuel 12 such as petroleum that is supplied. Thereby, in a path of a fuel pipe from a fuel tank to an internal combustion engine, a catalyst that applies pre-combustion treatment to liquid fuel is interposed and thereby harmful matters in exhaust gas from the internal combustion engine is reduced. <IMAGE>

IPC 1-7  
**F02M 21/04**; **C10L 1/00**

IPC 8 full level  
**C10G 29/00** (2006.01); **C10L 1/00** (2006.01); **F02M 21/04** (2006.01); **F02M 27/02** (2006.01)

CPC (source: EP KR)  
**C10G 29/00** (2013.01 - EP); **C10L 1/00** (2013.01 - EP KR); **F02M 21/04** (2013.01 - KR); **F02M 27/02** (2013.01 - EP)

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