

Title (en)

ABSORPTION SILENCER FOR INTERNAL COMBUSTION ENGINES, ESPECIALLY FOR ALL-TERRAIN VEHICLES

Publication

**EP 0391014 A3 19901205 (FR)**

Application

**EP 89830558 A 19891220**

Priority

IT 939589 A 19890407

Abstract (en)

[origin: EP0391014A2] The absorption silencer is for the engine of a cross-country vehicle in particular, having a perforated exhaust tube on which stuffing of heat-resistant and sound-insulating material such as mineral wool is wound. It comprises a casing in sections for assembly together, of heat-resistant material, threaded on and detachably fixed to the tube, with the stuffing in between. These are secured by front and rear annular joints, of heat-resistant and partly elastic material, and which seal the casing so that the exhaust gas cannot escape.

IPC 1-7

**F01N 7/18**; **F01N 7/16**; **F01N 1/24**

IPC 8 full level

**F01N 1/24** (2006.01); **F01N 13/16** (2010.01); **F01N 13/18** (2010.01)

CPC (source: EP US)

**F01N 1/24** (2013.01 - EP US); **F01N 13/16** (2013.01 - EP US); **F01N 13/1805** (2013.01 - EP US); **F01N 13/1827** (2013.01 - EP US); **F01N 13/1838** (2013.01 - EP US); **F01N 13/1861** (2013.01 - EP US); **F01N 2310/02** (2013.01 - EP US); **F01N 2470/10** (2013.01 - EP US); **F01N 2530/18** (2013.01 - EP US)

Citation (search report)

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- [Y] EP 0022063 A1 19810107 - ALUSUISSE [CH]
- [Y] US 4589516 A 19860520 - INOUE TAKESHI [JP], et al
- [A] GB 950029 A 19640219 - SVEIN DYRHOFF
- [Y] PATENT ABSTRACTS OF JAPAN vol. 13, no. 011 (C-436) 25 juillet 1987, & JP-A-62 041218 (MITSUBISHI) 23 février 1987,

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