

Title (en)

A method and installation for fire fighting in connection with a combustion engine

Title (de)

Verfahren und Vorrichtung zur Brandbekämpfung in Verbindung mit einer Brennkraftmaschine

Title (fr)

Procédé et dispositif pour l'extinction d'incendies en connexion avec un moteur à combustion interne

Publication

EP 1155714 B1 20070822 (EN)

Application

EP 01304319 A 20010515

Priority

FI 20001157 A 20000515

Abstract (en)

[origin: EP1155714A2] A fire fighting method in connection with a combustion engine apparatus (1) comprising at least one combustion engine unit (2) with its combustion chamber and a source (3) of fluid, comprising water, in co-operation with the combustion engine apparatus, a pressure booster device (4) for said fluid and a nozzle arrangement (5) for leading said fluid to the combustion engine unit (2). In the method, during a normal mode of operation of the combustion engine apparatus the fluid from the source (3) is elevated from the pressure level of the source to a higher pressure and fed by means of said nozzle arrangement (5) to the combustion engine unit (2). The fluid is rationed and timed in a manner which affects the operation of the engine in a desired way. By virtue of a pre-determined event said fluid is led outside (2") the combustion chamber of the combustion engine unit. The invention also relates to an installation for fire fighting in connection with a combustion engine apparatus (1), which comprises at least a flow channel arrangement (5') combining a pressure booster device (4) and a nozzle arrangement (5), and in which a fluid joint arrangement (8) is provided in the flow channel arrangement (5'). A fire fighting arrangement (9) is provided for leading the fluid to a space (2") outside the combustion chamber (2') of the combustion engine unit. <IMAGE>

IPC 8 full level

A62C 3/00 (2006.01); **A62C 3/07** (2006.01); **F02M 25/022** (2006.01)

CPC (source: EP KR)

A62C 3/07 (2013.01 - EP KR); **A62C 31/02** (2013.01 - KR); **A62C 31/28** (2013.01 - KR); **G08B 17/00** (2013.01 - KR)

Citation (examination)

- JP S5716217 A 19820127 - NISSAN MOTOR
- GB 1191817 A 19700513 - SULZER AG [CH]

Cited by

EP1779903A1; TWI685362B

Designated contracting state (EPC)

AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE TR

DOCDB simple family (publication)

EP 1155714 A2 20011121; **EP 1155714 A3 20020605**; **EP 1155714 B1 20070822**; AT E370771 T1 20070915; CN 1229154 C 20051130; CN 1322579 A 20011121; DE 60130061 D1 20071004; DE 60130061 T2 20080103; FI 108068 B 20011115; JP 2001321456 A 20011120; KR 100741199 B1 20070719; KR 20010104673 A 20011126

DOCDB simple family (application)

EP 01304319 A 20010515; AT 01304319 T 20010515; CN 01122006 A 20010515; DE 60130061 T 20010515; FI 20001157 A 20000515; JP 2001144535 A 20010515; KR 20010026153 A 20010514