

Title (en)

AUTOMATIC FIRE EXTINGUISHING DEVICE INCORPORATED IN A RAILWAY CONVOY

Title (de)

IN EINEM EISENBAHNZUG INTEGRIERTES AUTOMATISCHES LÖSCHSYSTEM

Title (fr)

DISPOSITIF D'EXTINCTION AUTOMATIQUE D'INCENDIE INTEGRE A UN CONVOI FERROVIAIRE

Publication

**EP 1023110 B1 20070509 (FR)**

Application

**EP 98947634 A 19981008**

Priority

- FR 9802158 W 19981008
- FR 9713138 A 19971015

Abstract (en)

[origin: FR2769508A1] The system consists of a truck fitted with a tank (2) of an extinguishing liquid (3) and air (4) and liquid (5) compressors for delivering the liquid through pipes (12) to sprinklers in the coaches which make up the train. The pipes (12) are in sections, each being connected to the next truck's section via a flexible hose (23), and the sprinklers can be at the sides and top of the trucks or carriages.

IPC 8 full level

**A62C 3/07** (2006.01); **B61D 37/00** (2006.01)

CPC (source: EP)

**A62C 3/07** (2013.01)

Citation (examination)

- EP 0522671 A1 19930113 - AEG WESTINGHOUSE TRANSPORT [DE]
- WO 9611829 A1 19960425 - BERGLUND LARS [SE]
- "6 nouvelles compositions TES des CFF", JOURNAL DES SAPEURS-POMPIERS SUISSES, vol. 1996, no. 7, pages 538 - 543

Designated contracting state (EPC)

AT CH DE DK ES FI GB GR IT LI SE

DOCDB simple family (publication)

**FR 2769508 A1 19990416; FR 2769508 B1 19991217**; AT E361777 T1 20070615; AU 9448098 A 19990503; DE 69837767 D1 20070621;  
EP 1023110 A1 20000802; EP 1023110 B1 20070509; JP 2001519218 A 20011023; JP 4217857 B2 20090204; WO 9919026 A1 19990422

DOCDB simple family (application)

**FR 9713138 A 19971015**; AT 98947634 T 19981008; AU 9448098 A 19981008; DE 69837767 T 19981008; EP 98947634 A 19981008;  
FR 9802158 W 19981008; JP 2000515656 A 19981008