

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 A1 20000802 (FR)

Application
EP 98947634 A 19981008

Priority
• FR 9802158 W 19981008
• FR 9713138 A 19971015

Abstract (en)
[origin: WO9919026A1] The invention concerns a railway convoy C comprising a tank-and-pump car (1) wherein are located an extinguishing-liquid (3) reservoir (2) and a motor-driven compressor (5) which delivers the extinguishing liquid into conduits (12, 13, 15, 15a) terminating in sprinklers (16 and 18), located in the railway cars (10) carrying road vehicles or goods. When a fire starts at any point in one or several cars (10) the device which is permanently operational is immediately automatically triggered, even during the train journey and before the train can receive external assistance. The invention is useful for protecting piggy back traffic against fire.

IPC 1-7
A62C 3/07

IPC 8 full level
A62C 3/07 (2006.01); **B61D 37/00** (2006.01)

CPC (source: EP)
A62C 3/07 (2013.01)

Citation (third parties)
Third party :
• GB 2139495 A 19841114 - TOTAL FEUERSCHUTZ GMBH
• FR 2769508 A1 19990416 - PONCET JEAN AIME ANDRE [FR]
• "6 nouvelles compositions TES des Cff", JOURNAL DES SAPEURS-POMPIERS SUISSES, July 1996 (1996-07-01), pages 538 - 546, XP002943192

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