

Title (en)
Method and apparatus for fire prevention

Title (de)
Verfahren und Vorrichtung zur Brandverhinderung

Title (fr)
Procédé et dispositif pour l'empêchement d'incendie

Publication
EP 0885633 A3 20001108 (DE)

Application
EP 98110477 A 19980608

Priority
DE 19726096 A 19970619

Abstract (en)
[origin: EP0885633A2] The spark detector (10), fixed in or on the pipeline (1,1-1), emits an identification signal if an area of excessive temperature is identified, particularly a spark or a source of fire. A shut-off device (15) or cellular wheel sluice with a braking driving device (14,16), fixed in the pipeline downline from the spark detector, is designed to interrupt movement flow at the appropriate identification signal. During pneumatic movement of goods a gas shut-off device such as Zyklon is introduced into the sluice. A water spraying device (17-19), fitted between the spark detector and the shut-off device, douses any spark or source of fire.

IPC 1-7
A62C 3/04

IPC 8 full level
A62C 3/04 (2006.01); **A62C 3/06** (2006.01)

CPC (source: EP)
A62C 3/06 (2013.01)

Citation (search report)

- [A] WO 9510329 A1 19950420 - FIREFLY AB [SE], et al
- [A] US 4637473 A 19870120 - GILLIS JOSEPH P [US], et al
- [A] EP 0637457 A1 19950208 - RUHRGAS AG [DE]

Cited by
CN109481881A

Designated contracting state (EPC)
AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)
EP 0885633 A2 19981223; EP 0885633 A3 20001108; EP 0885633 B1 20041229; AT E285822 T1 20050115; DE 19726096 C1 19990304; DE 59812431 D1 20050203

DOCDB simple family (application)
EP 98110477 A 19980608; AT 98110477 T 19980608; DE 19726096 A 19970619; DE 59812431 T 19980608