

Title (en)
METHODS OF FIREPROOFING OF COMBUSTIBLE PIPES AND CONDUITS

Title (de)
METHODEN ZUM BRANDSCHUTZ FÜR BRENNBARE ROHRE UND LEITUNGEN

Title (fr)
PROCEDE D'IGNIFUGATION DE TUYAUX ET CONDUITS A COMBUSTIBLES

Publication
EP 1042567 A4 20041110 (EN)

Application
EP 98953237 A 19981003

Priority
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Abstract (en)
[origin: WO9918303A1] Disclosed is a fireproofing system for any size of combustible pipe or conduit that passes between and through walls and floors. The entire length of a combustible pipe or conduit (1), on each side of a wall or floor is covered with a fire resistant blanket (4). The blanket consists of a temperature resistant, inorganic, heat insulating layer (4a), which is covered by a fire retardant, heat absorbing material (4b). Larger pipes are additionally covered with intumescent fire retarding materials (4d). Near the wall or the floor, a pipe closing mechanism is to be placed on the top of the blanket (4). The closing mechanism is to be activated by the softening of the combustible pipe from the heat in the event of a fire. Such mechanisms include heat shrinkable materials (8a), weights (14, 14a) and springs (15, 18a) including spring hose clamps (20).

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Citation (search report)
• [XA] DE 19647242 A1 19970724 - PROMAT GMBH [DE]
• [XA] US 4559745 A 19851224 - WEXLER JONATHAN B [AU]
• [A] DE 3004201 A1 19810813 - FRIEDRICHSFELD GMBH [DE]
• See references of WO 9918303A1

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