

Title (en)
FIRE-BARRIER OUTLET

Title (de)
BRANDSCHUTZABLAUF

Title (fr)
EVACUATION COUPE-FEU

Publication
EP 1453574 A1 20040908 (DE)

Application
EP 02792923 A 20021206

Priority
• DE 10161061 A 20011212
• DE 10201287 A 20020115
• EP 0213870 W 20021206

Abstract (en)
[origin: WO03053524A1] The invention concerns a method for initially or subsequently equipping a floor drain (1), comprising a discharge conduit (3), with a fire barrier device for preventing fire from spreading. The invention is characterized in that said fire-barrier device comprises a fire-barrier cartridge (2), provided with at least a fire-barrier element (2), which can be traversed and plugged above or beneath said discharge conduit (3). In case of fire, said fire-barrier element provides gas tight sealing to the discharge conduit (3) of the floor drain (1) under the effect of heat. Said invention concerns also a device for implementing said method. It is thus possible to retrofit a floor drain (1) with suitable fire-barrier devices without any particular and expensive structural engineering.

IPC 1-7
A62C 2/06; **A62C 4/02**

IPC 8 full level
A62C 2/06 (2006.01); **A62C 3/16** (2006.01); **E03F 5/04** (2006.01)

CPC (source: EP)
A62C 2/065 (2013.01); **A62C 3/16** (2013.01); **E03F 5/0407** (2013.01); **E03F 5/041** (2013.01); **E03F 2005/0416** (2013.01); **E03F 2005/0417** (2013.01); **E03F 2005/0418** (2013.01)

Citation (search report)
See references of WO 03053524A1

Citation (third parties)
Third party :
• DE 10201287 A1 20030807 - AHLMANN ACO SEVERIN [DE]
• DE 10201287 B4 20040318 - AHLMANN ACO SEVERIN [DE]
• DE 7931426 U1 19800221
• DE 29712909 U1 19971016 - SCHOETTLER LUNOS LUEFTUNG [DE]
• DE 20220498 U1 20031002 - AHLMANN ACO SEVERIN [DE]
• DE 20200625 U1 20020411 - AHLMANN ACO SEVERIN [DE]
• DE 3218190 C2 19840920
• WO 9222714 A1 19921223 - PARMA OY [FI]
• EP 0236539 A1 19870916 - KUHN GMBH ROLF [DE]
• DE 4406783 A1 19950907 - DALLMER GMBH & CO [DE]
• DE 20101589 U1 20010322 - FRANZ VIEGENER II GMBH & CO KG [DE]
• VIEGA: "Brandschutz-Kompetenz mit Viega", PROSPEKT, 2004, pages 1 - 12, XP003011472
• ALFONS GASSNER: "Der Sanitaerinstallateur, 6e Auflage", 2003, HANDWERK UND TECHNIK, HAMBURG, XP003011473
• KESSEL GMBH: "DIN 19599", PRODUKTKATALOG KESSEL GMBH, 1996, pages 3 PG-S, XP003011474
• KESSEL GMBH: "Produktkatalog", PRODUKTKATALOG KESSEL GMBH, 1989, pages 6 PG-S, XP003011475
• ALFONS GASSNER: "Der Sanitaerinstallateur, 5e Auflage", HANDWERK UND TECHNIK, HAMBURG, XP003011476
• "DIN 19560 (Rohre und Formstücke aus Polypropylen (PP) mit Steckmuffe für heisswasserbeständige Abwasserleitungen (HT) innerhalb von Gebäuden", DEUTSCHE NORMEN, March 1980 (1980-03-01), pages 1 - 20, XP003011477

Cited by
DE102013107848A1; DE102013107848B4

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

DOCDB simple family (publication)
WO 03053524 A1 20030703; AT E429959 T1 20090515; AU 2002358632 A1 20030709; DE 20200625 U1 20020411; DE 50213506 D1 20090610; EP 1453574 A1 20040908; EP 1453574 B1 20090429

DOCDB simple family (application)
EP 0213870 W 20021206; AT 02792923 T 20021206; AU 2002358632 A 20021206; DE 20200625 U 20020116; DE 50213506 T 20021206; EP 02792923 A 20021206