

Title (en)
Sprinkler connection box

Title (de)
Sprinkleranschlussbox

Title (fr)
Boîte de raccordement de gicleur

Publication
EP 2586934 A1 20130501 (DE)

Application
EP 11186908 A 20111027

Priority
EP 11186908 A 20111027

Abstract (en)
The device i.e. sprinkler connection box (1), has a connection piece (2) made of metallic material e.g. brass or red bronze, and a housing (3) including a fastener (4) i.e. pin, which enables positioning and fastening on a surface. A sealing stopper (5) enables leakage tests and is made of plastic. The piece, the housing, the fastener, the stopper and a transfer piece are premounted. The box is connected with a sprinkler line and fastened to a formwork plate. The stopper includes a stage (9) sealed with a bevel (10) in the connection piece in a screwed-in condition. An independent claim is also included for a method for attaching connection of a sprinkler in a ceiling.

Abstract (de)
Vorrichtung zum Anschliessen eines Sprinklers insbesondere eine Sprinkleranschlussbox sowie dessen Verfahren zum Anbringung dieser, enthaltend ein Anschlussstück aus einem metallischen Werkstoff, ein Gehäuse, welches Befestigungsmittel aufweist, welche das Positionieren und Befestigen auf einer Fläche ermöglichen, einen dichtenden Stopfen, welcher die Dichtheitsprüfung ermöglicht und ein Übergangsstück, wobei die enthaltenden Bestandteile vormontiert sind

IPC 8 full level
E04G 21/18 (2006.01); **A62C 35/68** (2006.01)

CPC (source: EP)
A62C 35/68 (2013.01); **B28B 23/0056** (2013.01); **E04G 21/185** (2013.01); **E04B 5/48** (2013.01)

Citation (applicant)

- DE 102009041415 A1 20110324 - MINIMAX GMBH & CO KG [DE]
- DE 10140942 C1 20030814 - PREUSSAG AG MINIMAX [DE]
- WO 2009100860 A1 20090820 - REHAU AG & CO [DE], et al
- DE 202009004938 U1 20091001 - AQUATHERM BESITZGESELLSCHAFT G [DE]

Citation (search report)

- [X1] DE 102008031025 A1 20091231 - MA KAO-PEI [TW]
- [AD] DE 10140942 C1 20030814 - PREUSSAG AG MINIMAX [DE]

Cited by
EP4007645A4; CN115337695A

Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)
BA ME

DOCDB simple family (publication)
EP 2586934 A1 20130501; **EP 2586934 B1 20171206**; CN 103089006 A 20130508; CN 103089006 B 20161221; JP 2013094674 A 20130520; JP 6176913 B2 20170809

DOCDB simple family (application)
EP 11186908 A 20111027; CN 201210416303 A 20121026; JP 2012236713 A 20121026