

Title (en)

Multi-purpose fixing element with an elbow tube connecting element

Title (de)

Vielzweckbefestigungselement mit einem Leitungsanschlusswinkel

Title (fr)

Élément de fixation multifonction doté d'un élément de connexion coudé

Publication

EP 2468965 A3 20170517 (DE)

Application

EP 11189568 A 20111117

Priority

DE 202010016881 U 20101221

Abstract (en)

[origin: EP2468965A2] The multi-purpose mounting element (1) has planar connector portion (4) with fastening through holes (40,41,44). The spacer angles (2,3) are attached on the front side of the planar connector portion. The recesses (42,43) are formed in the rear side of the connector portion. The fixing elements are fitted in the recesses of the connector portion, so as to rotatably fix the connector portion to a mounting element. The mounting element is secured in the wall by screwing the screws into the fastening through holes. An independent claim is included for multi-purpose fastening device.

IPC 8 full level

E03C 1/02 (2006.01); **F16L 3/24** (2006.01)

CPC (source: EP)

E03C 1/021 (2013.01); **E03C 2001/028** (2013.01)

Citation (search report)

- [X1] DE 202009015966 U1 20100408 - REBERSEK VINKO [DE]
- [XY1] DE 29713507 U1 19970925 - POLYTHERM VERTRIEBSGESELLSCHAFT [DE]
- [Y] US 2908511 A 19591013 - ROGERS GERALD L
- [Y] US 4718699 A 19880112 - KULISH STANLEY J [US], et al
- [A] EP 0568887 A1 19931110 - LEIFELD HEINRICH [DE]
- [A] DE 19537564 C2 19980514 - SCHELL GMBH & CO KG [DE]
- [A] EP 0378515 A1 19900718 - GEBERIT AG [CH]

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)

DE 202010016881 U1 20120322; DK 2468965 T3 20200420; EP 2468965 A2 20120627; EP 2468965 A3 20170517; EP 2468965 B1 20200115; ES 2784140 T3 20200922; HU E048516 T2 20200728; LT 2468965 T 20200410; PL 2468965 T3 20200629; PT 2468965 T 20200414

DOCDB simple family (application)

DE 202010016881 U 20101221; DK 11189568 T 20111117; EP 11189568 A 20111117; ES 11189568 T 20111117; HU E11189568 A 20111117; LT 11189568 T 20111117; PL 11189568 T 20111117; PT 11189568 T 20111117