



(51) International Patent Classification:
E04B 1/48 (2006.01)

(21) International Application Number:
PCT/NO2010/000112

(22) International Filing Date:
25 March 2010 (25.03.2010)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:
20091532 17 April 2009 (17.04.2009) NO

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(81) Designated States (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM, AO, AT, AU, AZ, BA, BB, BG, BH, BR, BW, BY, BZ, CA, CH, CL, CN, CO, CR, CU, CZ, DE, DK, DM, DO,

DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, GT, HN, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KN, KP, KR, KZ, LA, LC, LK, LR, LS, LT, LU, LY, MA, MD, ME, MG, MK, MN, MW, MX, MY, MZ, NA, NG, NI, NO, NZ, OM, PE, PG, PH, PL, PT, RO, RS, RU, SC, SD, SE, SG, SK, SL, SM, ST, SV, SY, TH, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, ZA, ZM, ZW.

(84) Designated States (unless otherwise indicated, for every kind of regional protection available): ARIPO (BW, GH, GM, KE, LR, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HR, HU, IE, IS, IT, LT, LU, LV, MC, MK, MT, NL, NO, PL, PT, RO, SE, SI, SK, SM, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

Published:

- with international search report (Art. 21(3))
- before the expiration of the time limit for amending the claims and to be republished in the event of receipt of amendments (Rule 48.2(h))

(88) Date of publication of the international search report:
14 April 2011

(54) Title: JOINING DEVICE FOR TWO BUILDING ELEMENTS

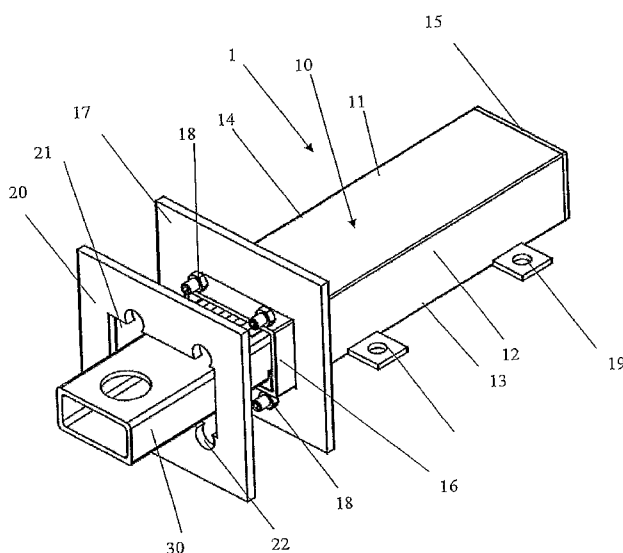


Fig. 1

(57) Abstract: The present invention relates to a box element (1) for use in joining two building elements, wherein the box element comprises a main body (10), an end (16) which, in a mounted state, is arranged facing out from the building element, and a first flange (17) that extends in a direction radial in relation to the longitudinal axis and is connected to an outer side of the main body (11), wherein the first flange (17) is arranged at a distance from the end (16) and adapted for abutment against a portion of the building element and where the relative distance between the first flange (17) and the end (16) is such that the end (16), in a mounted state, will be located at a distance from the building element, and that the main body (10) comprises at least one fastening device (18), the main body (10) and the fastening device (18) being so configured that a second flange (20) can be introduced over the end (16) and secured to the main body (10), such that a membrane sheet of the building element, during mounting of the box element, can be sandwiched between the first and second flange (17, 20) thereby forming a substantially leak-proof connection. The invention also comprises a flange for use with the box element and a method.

INTERNATIONAL SEARCH REPORT

International application No
PCT/N02010/000112A. CLASSIFICATION OF SUBJECT MATTER
INV. E04B1/48
ADD.

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
E04B E04F E04C

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 6 502 359 B1 (RAMBO TODD [US])	1-7
A	7 January 2003 (2003-01-07) column 2, line 58 - column 7, line 37; figures 1,3a-3c -----	8,9



Further documents are listed in the continuation of Box C.



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Date of the actual completion of the international search

16 February 2011

Date of mailing of the international search report

23/02/2011

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INTERNATIONAL SEARCH REPORT

Information on patent family members

International application No

PCT/N02010/000112

Patent document cited in search report	Publication date	Patent family member(s)	Publication date
US 6502359	B1	07-01-2003	NONE
