

(19)



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(11) Publication number:

0 286 999 A3

(12)

EUROPEAN PATENT APPLICATION(21) Application number: **88105678.2**(51) Int. Cl.⁵: **E04B 1/60**(22) Date of filing: **09.04.88**(30) Priority: **16.04.87 SE 8701607**(43) Date of publication of application:
19.10.88 Bulletin 88/42(84) Designated Contracting States:
AT BE CH DE ES FR GB GR IT LI LU NL SE(88) Date of deferred publication of the search report:
02.01.91 Bulletin 91/01(71) Applicant: **Fläkt Aktiebolag**
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(54) **A connection assembly.**

(57) A connection assembly—primarily for so-called air treatment apparatus housing slabs (1), the edges of the slabs (1) which are to be connected being provided with support sections (2). Each support section (2) has edge portion legs (12,25), a joining web (6) and a squeezing leg (7) substantially at right angles thereto, the leg being terminated by an abutment end (8), and having a length () corresponding to approximately half the depth (L) of the slab or support section. The edge portion is U-shaped with two legs, one (25) of which being attached to the adjacent slab and one (12) being free with a gap (26)

therebetween. The web (4) of the connection section (3) in a position of use is flush with one flat face (22) of the slab (1) or at a level which is parallel to this face. Locking legs (5) depart from the edges of the web (4) and with the aid of stiffening bends (9, 10) engage and retain in the connection position the abutment ends (8) of the support sections (2). The connection section (3) engages against the legs (12) of edge portions and/or with the adjacent major surface (22) of the slabs (1) with external engagement surfaces (13).

EP 0 286 999 A3

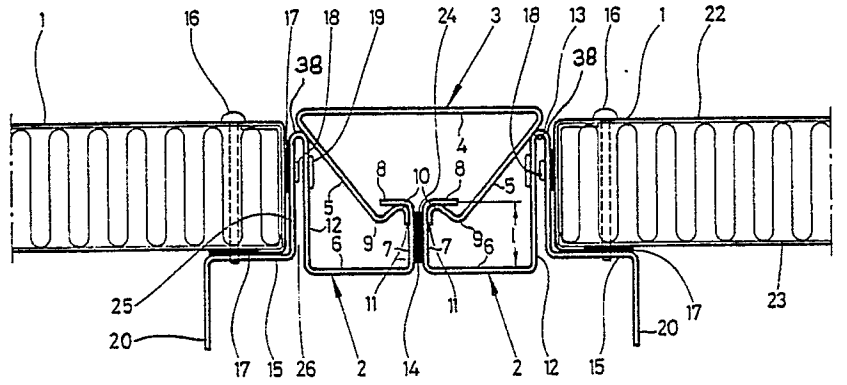


FIG. 1



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EUROPEAN SEARCH REPORT

Application Number

EP 88 10 5678

DOCUMENTS CONSIDERED TO BE RELEVANT					
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int. Cl.5)		
A	DE-A-2 808 484 (AB SVENSKA FLAECTFABRIKEN) * claim 1; figures 1-12 * - - -	1	E 04 B 1:06		
A	AT-B-3 154 40 (HELBLING & MATT) * claim 1; figures 1-3 * - - -	1			
A	FR-A-1 438 828 (VAN ELTEN) * figures 1-5 * - - - - -	1			
			TECHNICAL FIELDS SEARCHED (Int. Cl.5)		
			E 04 B		
The present search report has been drawn up for all claims					
Place of search Berlin		Date of completion of search 24 September 90	Examiner KLITSCH		
<table><tr><td>CATEGORY OF CITED DOCUMENTS X: particularly relevant if taken alone Y: particularly relevant if combined with another document of the same category A: technological background O: non-written disclosure P: intermediate document T: theory or principle underlying the invention</td><td>E: earlier patent document, but published on, or after the filing date D: document cited in the application L: document cited for other reasons ----- &: member of the same patent family, corresponding document</td></tr></table>				CATEGORY OF CITED DOCUMENTS X: particularly relevant if taken alone Y: particularly relevant if combined with another document of the same category A: technological background O: non-written disclosure P: intermediate document T: theory or principle underlying the invention	E: earlier patent document, but published on, or after the filing date D: document cited in the application L: document cited for other reasons ----- &: member of the same patent family, corresponding document
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