1 Publication number:

**0 275 145** A3

(12)

## **EUROPEAN PATENT APPLICATION**

2 Application number: 88300058.0

② Date of filing: 06.01.88

(s) Int. Cl.4: E 04 F 13/12

E 04 F 13/08, E 04 D 3/363

39 Priority: 10.01.87 GB 8700527

Date of publication of application: 20.07.88 Bulletin 88/29

Designated Contracting States:
 AT BE CH DE ES FR GB GR IT LI LU NL SE

Bate of deferred publication of search report: 05.04.89 Bulletin 89/14

Applicant: CROZIER CONSTRUCTION CO. LIMITED
Wellfield House Chester Road
Preston Brook Runcorn Cheshire WA7 3BA (GB)

(72) Inventor: Crozier, Kenneth c/o Wellfield House Chester Road Preston Brook Runcorn Cheshire WA7 3BA (GB)

(4) Representative: Wharton, Peter Robert et al Urquhart-Dykes & Lord Alliance House 29-31 Kirkgate Bradford West Yorkshire, BD1 1QB (GB)

54) Cladding for buildings.

(a) Cladding for a building comprising a plurality of cladding panels wherein opposing edges of adjacent panels form an overlap which extends round and engages with a load dispersing head of a bracket secured to the building characterised in that a major part of at least one of the edges forming the overlap is in continuous engagement with the load dispersing head.

Preferred cladding utilises brackets in the form of either continuous rods or formed by shaping the edge of a panel and the use of composite panels consisting of two flexible weather resistant sheets separated by a layer of flame resistant thermal insulant such as mineral wool or a phenolic plastics foam.



## EUROPEAN SEARCH REPORT

EP 88 30 0058

J-B- 506 471 (; Page 5, line 20 igures 1-3 *  B-A-2 190 937 (; D., LTD) Page 1, lines 58 7-47,81-93; figur	th indication, where appropressages  ZAMBELLI PTY. LT - page 8, line  CROZIER CONSTRUCT  8-92; page 2, line  res 1-5 *  ENFIELD ROLLING - page 4, line  COMMERCIAL HYDRA	priate, TD.) 25; CTION ines MILLS 25;	F Relevant to claim 1-3 5-8 5-8 1-3	CLASSIFICA APPLICATIO E 04 F E 04 P E 04 D	13/12 13/08
Citation of document with of relevant J-B- 506 471 (2) Page 5, line 20 igures 1-3 *  3-A-2 190 937 (3) Page 1, lines 58 (4-47,81-93; figures 3-A- 571 545 (B) Page 3, line 91 gures 1-4 *  3-A-0 105 015 (0) A.) Page 8, line 15	th indication, where appropressages  ZAMBELLI PTY. LT - page 8, line  CROZIER CONSTRUCT  8-92; page 2, line  res 1-5 *  ENFIELD ROLLING - page 4, line  COMMERCIAL HYDRA	priate, TD.) 25; CTION ines MILLS 25;	Relevant to claim 1-3 5-8 5-8	E 04 F E 04 F	13/12 13/08
Page 5, line 20 igures 1-3 *  3-A-2 190 937 (0)., LTD) Page 1, lines 587-47,81-93; figures 571 545 (ED) Page 3, line 91 gures 1-4 *  3-A-0 105 015 (0) Page 8, line 15	- page 8, line CROZIER CONSTRUC B-92; page 2, line res 1-5 * ENFIELD ROLLING - page 4, line COMMERCIAL HYDRA	25; CTION ines MILLS 25;	1-3 5-8 5-8	E 04 F E 04 F	13/12 13/08
3-A-2 190 937 (0), LTD) Page 1, lines 587-47,81-93; figural 3-A- 571 545 (ED) Page 3, line 91 gures 1-4 *	B-92; page 2, 1; res 1-5 * ENFIELD ROLLING - page 4, 1;ne COMMERCIAL HYDRA	CTION ines MILLS 25;	5-8	E 04 P	3/363
Page 1, lines 587-47,81-93; figur 	B-92; page 2, 1; res 1-5 * ENFIELD ROLLING - page 4, 1;ne COMMERCIAL HYDRA	ines MILLS 25;	1-3		
7-47,81-93; Tigur 	res 1-5 * ENFIELD ROLLING - page 4, line COMMERCIAL HYDRA	MILLS 25;	_		
D) Page 3, line 91 gures 1-4 * A-0 105 015 (0 A.) Page 8, line 15	- page 4, line	25;	_		
 -A-0 105 015 (0 A.) Page 8. line 15	COMMERCIAL HYDRA		5		
A.) Page 8. line 15			5		
A.) Page 8. line 15			-		
Page 8, line 15 gures 3.6.8-11 *		1	5		
	- page 10, line	20;			
-A-3 218 772 (M Column 2, line 1 ; figures 1-5 *	MARTIN) 7 - column 3, 1	ine	1-3	TECHNICAL SEARCHED (	FIELDS Int. Cl.4)
-A-1 329 411 (T Page 1, right-ha 22; figures 1-2,	nd column line	s	1-3	E 04 F E 04 D E 04 C	
-A-0 120 234 (S Page 10, line 5	CHENACH) - page 11, line	19;	1,4,5		
	-/-				
present search report has	been drawn up for all clair	ms			
e of search	Date of completion	n of the search	<del></del>	Examiner	
		189	BELTZ		
ly relevant if taken alone ly relevant if combined with an of the same category	ê: nother D: L:	after the filing date document cited in the document cited for or	nent, but publish the application other reasons	red on, or	
1	of search GUE GORY OF CITED DOCUME y relevant if taken alone y relevant if combined with ar of the same category cal background n disclosure	of search GUE  24-01-19  GORY OF CITED DOCUMENTS  T: y relevant if taken alone y relevant if combined with another of the same category cal background	GUE  24-01-1989  GORY OF CITED DOCUMENTS  y relevant if taken alone y relevant if combined with another of the same category cal background n disclosure te document  & : member of the same  & : member of the same  & : member of the same	of search GUE  24-01-1989  BELTZ  GORY OF CITED DOCUMENTS  y relevant if taken alone y relevant if combined with another of the same category cal background  Date of completion of the search  24-01-1989  BELTZ  T: theory or principle underlying the in E: earlier patent document, but publish after the filling date D: document cited in the application L: document cited for other reasons	of search  GUE  24-01-1989  BELTZUNG F.C.  GORY OF CITED DOCUMENTS  y relevant if taken alone y relevant if combined with another of the same category cal background n disclosure te document  Examiner  Examiner  Examiner  Examiner  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

EPO FORM 1503 03.82 (P0401)



## EUROPEAN SEARCH REPORT

Application Number

EP 88 30 0058

Category	Citation of document with i of relevant pa	ndication, where appropriate, assages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int. Cl.4)	
X	US-A-4 423 581 (MI * Column 3, line 1 figures 1-4 *	LLER) - column 4, line 44;	1,4		
Χ	US-A-4 155 206 (PL * Column 6, lines 1	AYER) 4-28; figure 4 *	1,4		
Y			7-9		
Y	US-A-4 233 357 (TA * Column 1, lines 4	YLOR et al.) -30 *	7-9		
				TECHNICAL FIELDS SEARCHED (Int. Cl.4)	
	The present search report has l	neen drawn up for all claims			
TH	Place of search E HAGUE	Date of completion of the search 24-01-1989	BEL	Examiner BELTZUNG F.C.	
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 princi E: earlier patent de after the filing tother D: document cited L: document cited	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		