Title (en)
Method for setting fastening elements.

Title (de)
Verfahren zum Setzen von Befestigungselementen.

Title (fr)
Procédé pour la mise en place des éléments de fixation.

Publication
EP 0628384 A3 19950524 (DE)

Application
EP 94810304 A 19940526

Priority
DE 4318965 A 19930608

Abstract (en)
[origin: EP0628384A2] Fastening elements (28) which serve to fasten insulating panels (30) to building components (31) are fixed by means of setting tools. With the aid of a connecting region (26a), which produces a frictional force, on a guide tube (25) of the setting tool, it is possible to carry out a setting check once the setting operation is completed. For this purpose, the frictional force between the guide tube (25) and the interior of the hollow shaft (28b) of the fastening element (28) is greater than the frictional force between hollow shaft (28b) and insulating panels (30). <IMAGE>

IPC 1-7
B25D 17/08

IPC 8 full level
B25C 1/00 (2006.01); **B25C 1/18** (2006.01); **B25D 17/00** (2006.01); **B25D 17/08** (2006.01); **E04D 3/36** (2006.01); **E04F 13/08** (2006.01); **F16B 19/00** (2006.01); **F16B 19/14** (2006.01)

CPC (source: EP KR US)
B25C 1/18 (2013.01 - KR); **B25C 1/188** (2013.01 - EP US); **B25D 17/005** (2013.01 - EP US); **E04B 1/7633** (2013.01 - EP US); **E04D 3/3603** (2013.01 - EP US)

Citation (search report)
- [A] DE 1603703 A1 19700917 - BAUER CARL FA
- [A] GB 1166301 A 19691008 - OLIN MATHIESON [US]

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Designated contracting state (EPC)
AT BE CH DE DK ES FR GB IT LI NL SE

DOCDB simple family (publication)
EP 0628384 A2 19941214; **EP 0628384 A3 19950524**; **EP 0628384 B1 19980114**; AT E162128 T1 19980115; AU 6459894 A 19950615; AU 685792 B2 19980129; CA 2125301 A1 19941209; CA 2125301 C 20010424; CN 1101886 C 20030219; CN 1104703 A 19950705; DE 4318965 A1 19941215; DE 4318965 C2 19960411; DE 59404998 D1 19980219; DK 0628384 T3 19980914; ES 2110724 T3 19980216; FI 104015 B1 19991029; FI 104015 B 19991029; FI 942672 A0 19940607; FI 942672 A 19941209; HU 216595 B 19990728; HU 9401697 D0 19940928; HU T69251 A 19950828; JP 3477243 B2 20031210; JP H0752064 A 19950228; KR 100298373 B1 20011024; KR 950000308 A 19950103; NO 180734 B 19970224; NO 180734 C 19970604; NO 942105 D0 19940607; NO 942105 L 19941209; PL 174048 B1 19980630; PL 303717 A1 19941212; TW 299270 B 19970301; US 5833420 A 19981110

DOCDB simple family (application)
EP 94810304 A 19940526; AT 94810304 T 19940526; AU 6459894 A 19940607; CA 2125301 A 19940607; CN 94108889 A 19940607; DE 4318965 A 19930608; DE 59404998 T 19940526; DK 94810304 T 19940526; ES 94810304 T 19940526; FI 942672 A 19940607; HU 9401697 A 19940606; JP 12629094 A 19940608; KR 19940012695 A 19940607; NO 942105 A 19940607; PL 30371794 A 19940606; TW 83105307 A 19940610; US 88301697 A 19970626