

Title (en)  
INFRASTRUCTURE FOR A WALL-CLADDING

Publication  
**EP 0006245 B1 19810819 (DE)**

Application  
**EP 79102033 A 19790620**

Priority  
• DE 2827148 A 19780621  
• DE 7902266 U 19790127

Abstract (en)  
[origin: EP0006245A1] 1. Apparatus for fixing back-ventilated facades to building walls with a supporting member (11) which can be fixed to the outer wall, an adjustable spacer (15) and a facade holder (23) which, with a variable spacing with respect to the outer wall can be fixed to the spacer or the supporting member by means of screw or riveted joints, characterized by the combination of the following features : a) the supporting member comprises a support bar (11, 11a, 11b) with a U-shaped cross-section with lateral webs (13, 14) in which are formed aligned, circular or slot-shaped openings (42) for fixing the spacer (15) or the facade holder (23, 23a, 23b) and which are parallel to the support bar longitudinal axis (32) and on whose facing surfaces (13a, 14a) are formed corrugation-like thickened portions (33a, 33b, 34a, 34b) which are parallel to the support bar longitudinal axis and on the surfaces (13b, 14b) thereof which are remote from the corrugation-like thickened portions (33a, 33b, 34a, 34b) there are elongated corrugation-like thickened portions (41) ; b) the spacer (15) is constructed as a profile member with an H-shaped cross-section, whose one fork-like portion (17) has lateral webs (21, 22) arranged with the same spacing as the lateral webs (13, 14) of support bar (11, 11a, 11b) and whose other fork-like portions (16) is constructed in such a way that its lateral webs (19, 20) can be slid between the lateral webs (13, 14) of support bar (11, 11a, 11b), a corrugation-like thickened portion (36, 37, 36a, 37a) parallel to the longitudinal axis (35) of spacer (15) is formed on the facing surfaces with respect to each end portion (21a, 22a) of lateral webs (21, 22) of fork-like portion (17) and on the outer surface (19a, 20a) of lateral webs (19, 20) of fork-like portion (16) of spacer (15) tooth-like projections (38), with the same reciprocal grid are formed parallel to the longitudinal axis (35) of spacer (15) ; c) the facade holder (23, 23a, 23b) is constructed as a hollow profile with a rectangular or square cross-section which can be slid between the lateral webs (13, 14, 21, 22) of support bar (11, 11a, 11b) or the fork-like portion (17) of spacer (15) and has on the surface (24a, 25a) of the side walls (24, 25) which can be brought into working connection with the support bar (11, 11a, 11b) or the spacer (15) tooth-like projections (40) in a grid corresponding to the grid of the tooth-like projections (38) of spacer (15).

IPC 1-7  
**E04F 13/08**

IPC 8 full level  
**E04F 13/08** (2006.01)

CPC (source: EP)  
**E04F 13/0808** (2013.01)

Cited by  
FR2786215A1; EP1331325A3; EP1310611A1; EP0052158A1; DE102009030637A1; AT510032A4; AT510032B1; WO2010149631A1

Designated contracting state (EPC)  
AT BE CH FR GB SE

DOCDB simple family (publication)  
**EP 0006245 A1 19800109; EP 0006245 B1 19810819; AT E159 T1 19810915**

DOCDB simple family (application)  
**EP 79102033 A 19790620; AT 79102033 T 19790620**