

Title (en)
SUPPORTING FRAMEWORK FOR A FAÇADE

Title (de)
STÜTZRAHMENWERK FÜR EINE FASSADE

Title (fr)
CADRE D'ETAYAGE POUR FAÇADE

Publication
EP 1680562 A1 20060719 (DE)

Application
EP 03748038 A 20030916

Priority
EP 0310284 W 20030916

Abstract (en)
[origin: WO2005035901A1] The invention relates to a supporting framework for a façade (1), which is constructed from adjacently arranged flat façade elements such as glass panes, decorative panels or the like, and which comprises profiled supports (3). The profiled supports (3) are formed from retaining bars (5), which are parallel to the façade surface, and from webs (4), which are approximately perpendicular to the façade surface. The retaining bars (5) and the webs (4) are essentially flat material strips. At least one web (4) has a projection (15), which is provided as a single piece with the web (4) and which projects into an insertion opening (10) in a retaining bar (5). A retaining device (18) is provided on the projection (15) for fixing the façade element and has at least one pin-shaped or bolt-shaped part (36). This part (36) is arranged in such a manner that it is secured on the projection (15) of the web (4) by the retaining bar (5).

IPC 1-7
E04B 2/96

IPC 8 full level
E04B 2/96 (2006.01)

CPC (source: EP US)
E04B 2/967 (2013.01 - EP US)

Citation (search report)
See references of WO 2005035901A1

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PT RO SE SI SK TR

DOCDB simple family (publication)
WO 2005035901 A1 20050421; AU 2003267369 A1 20050427; AU 2003267369 B2 20100304; CA 2539406 A1 20050421; CN 100425778 C 20081015; CN 1839237 A 20060927; DE 20321415 U1 20070531; DE 50308711 D1 20080110; EP 1680562 A1 20060719; EP 1680562 B1 20071128; ES 2297190 T3 20080501; HK 1098803 A1 20070727; JP 2007515574 A 20070614; US 2007011974 A1 20070118

DOCDB simple family (application)
EP 0310284 W 20030916; AU 2003267369 A 20030916; CA 2539406 A 20030916; CN 03827083 A 20030916; DE 20321415 U 20030916; DE 50308711 T 20030916; EP 03748038 A 20030916; ES 03748038 T 20030916; HK 07103215 A 20070326; JP 2005509415 A 20030916; US 57209206 A 20060427