

Title (en)  
DOWEL FOR FACADES

Publication  
**EP 0351668 B1 19921014 (DE)**

Application  
**EP 89112452 A 19890707**

Priority  
• DE 3824001 A 19880715  
• DE 3840055 A 19881128

Abstract (en)  
[origin: US4938631A] A facade anchor for incorporation into mutually aligned bore holes of a main wall and a bracket-mounted facade, consisting of an anchoring element (22) which extends from the bore hole base to the front of the facade, a pipe which extends from the bore hole inlet to the footing wall for injecting mortar, with the pipe having outlet openings (28) for mortar which are arranged inside the facade bore hole, and also of lamellar seals surrounding the pipe (22) on the inlets and outlets of the bore holes of the footing wall and facade, and of a nonuniform surface of the anchoring element for improving the bond of the injected mortar.

IPC 1-7  
**E04F 13/08; E04G 23/02**

IPC 8 full level  
**E04G 23/02** (2006.01)

CPC (source: EP US)  
**E04G 23/0222** (2013.01 - EP US)

Cited by  
EP0740033A1; EP0779438A1; EP0811736A1; DE102019106180A1; EP2518236A2; DE102011017606A1

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

DOCDB simple family (publication)  
**EP 0351668 A1 19900124; EP 0351668 B1 19921014**; ES 2035457 T3 19930416; US 4938631 A 19900703

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**EP 89112452 A 19890707**; ES 89112452 T 19890707; US 37943089 A 19890713