

Title (en)
Dowel with clamping sleeve

Title (de)
Dübel mit Spannhülse

Title (fr)
Cheville dotée d'une douille de serrage

Publication
EP 2610413 B1 20150617 (DE)

Application
EP 11195771 A 20111227

Priority
EP 11195771 A 20111227

Abstract (en)
[origin: EP2610413A1] The element (1) has a conical-shaped shaft (4) arranged at a plate (3), and a clamping sleeve (5) arranged in the shaft and made of metal or high-strength plastic material. The shaft surrounds an outer surface of the clamping sleeve. The clamping sleeve comprises a slot (6), and is provided with multiple apertures (7) and/or projections (11). The shaft and/or the plate are made of plastic material or glass fiber reinforcement. The outer surface of the clamping sleeve is over-molded with the material of the shaft during manufacturing the element. An independent claim is also included for a holding element manufacturing method.

IPC 8 full level
E04B 1/76 (2006.01)

CPC (source: EP)
E04B 1/7633 (2013.01)

Cited by
CN111441507A

Designated contracting state (EPC)
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