

Title (en)
Hollow or laminated wall

Title (de)
Hohl- oder Mehrschichtwandelement

Title (fr)
Mur creux ou multicouche

Publication
EP 2166178 B1 20170830 (DE)

Application
EP 09011922 A 20090918

Priority
DE 102008048425 A 20080923

Abstract (en)
[origin: EP2166178A2] The spacer (1) has three bars (2) connected with each other using a connecting device (3), where each bar has a respective supporting section (5). The supporting sections form a supporting plane (8) of the bars. The connecting device is provided with a ring, through which the bars extend such that the bars are firmly connected with the ring, where the ring is arranged in a longitudinal direction of the bars. The ring and the bars are formed from stainless steel or glass fiber reinforced plastic. An independent claim is also included for a method for producing hollow and multi layer walls.

IPC 8 full level
E04G 11/18 (2006.01); **B28B 23/02** (2006.01); **E04C 2/04** (2006.01)

CPC (source: EP US)
B28B 23/028 (2013.01 - EP US); **E04C 2/044** (2013.01 - EP US); **E04G 11/18** (2013.01 - EP US); **E04C 2002/047** (2013.01 - EP US)

Cited by
CN106696076A; DE102013005470A1; DE102013005470B4; EP2522788A3; EP3068962A4; US9885180B2; WO2018128613A1; US9957713B2; US10167633B2; US10704260B2

Designated contracting state (EPC)
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DOCDB simple family (publication)
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