

Title (en)  
C-SHAPED PROFILE

Title (de)  
C-PROFIL

Title (fr)  
PROFILE EN C

Publication  
[EP 1866498 A1 20071219 \(DE\)](#)

Application  
[EP 06706956 A 20060215](#)

Priority  

- EP 2006001352 W 20060215
- DE 102005016175 A 20050407

Abstract (en)  
[origin: WO2006105826A1] The invention relates to a C-shaped sheet metal profile for partitions that are planked on both sides. Said C-shaped profile comprises two leg sections (2, 2') and a bottom section (3) that interconnects the leg sections (2, 2'). The leg sections (2, 2') form lateral faces (5) of the C-shaped profile. At least one of the leg sections (2, 2') is provided with beads (6) which protrude outward and form a support area for the planking. The invention is characterized in that at least some sections of the beads (6) are embodied such that the support area corresponds to more than 5 percent and less than 25 percent of the lateral face when the depth of penetration (E) of the beads (6) into a planking amounts to 0.3 mm.

IPC 8 full level  
[E04B 2/74](#) (2006.01); [E04C 3/07](#) (2006.01)

CPC (source: EP NO US)  
[E04C 3/07](#) (2013.01 - EP NO US); [E04B 2/7412](#) (2013.01 - EP NO US); [E04C 2003/0417](#) (2013.01 - EP NO US);  
[E04C 2003/0421](#) (2013.01 - EP NO US); [E04C 2003/0434](#) (2013.01 - EP NO US); [E04C 2003/0465](#) (2013.01 - EP NO US);  
[E04C 2003/0473](#) (2013.01 - EP NO US)

Citation (search report)  
See references of WO 2006105826A1

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

Designated extension state (EPC)  
AL BA HR MK YU

DOCDB simple family (publication)  
[WO 2006105826 A1 20061012](#); AU 2006230984 A1 20061012; AU 2006230984 B2 20101028; CN 101151426 A 20080326;  
CN 101151426 B 20100825; DE 102005016175 A1 20061012; DK 1866498 T3 20200817; EP 1866498 A1 20071219; EP 1866498 B1 20200527;  
NO 20075667 L 20071106; NO 340234 B1 20170327; RU 2005124565 A 20070210; RU 2317379 C2 20080220; US 2009126315 A1 20090521

DOCDB simple family (application)  
[EP 2006001352 W 20060215](#); AU 2006230984 A 20060215; CN 200680010737 A 20060215; DE 102005016175 A 20050407;  
DK 06706956 T 20060215; EP 06706956 A 20060215; NO 20075667 A 20071106; RU 2005124565 A 20050802; US 88779806 A 20060215