

Title (en)  
LIGHT ALLOY PROFILED MEMBER TO BE JOINED TO ANOTHER PROFILED MEMBER BY CLIPPING

Title (de)  
LEICHTMETALLPROFIL MIT SCHNAPPVERBINDUNG

Title (fr)  
PROFILE EN ALLIAGE LEGER APTE A L ASSEMBLAGE PAR CLIPPAGE A UN AUTRE PROFILE

Publication  
**EP 1525329 A2 20050427 (FR)**

Application  
**EP 03755640 A 20030728**

Priority  
• FR 0302370 W 20030728  
• FR 0209583 A 20020729

Abstract (en)  
[origin: WO2004013362A2] The invention relates to a light alloy profiled member that is to be laterally joined to another profiled member and comprises at least one raised longitudinal flange (1), at least one longitudinal groove (2) having a complementary cross section, or both. The inventive profiled member is characterized by the fact that the cross sections of the flange (1) and groove (2) are cone-shaped and are provided with indentations (3) having negative clearance. The inventive profiled members make it possible to produce very wide floors and girders.

IPC 1-7  
**C22C 1/00**

IPC 8 full level  
**B60P 1/44** (2006.01); **B62D 29/00** (2006.01); **B62D 33/023** (2006.01); **E04B 5/10** (2006.01); **E04C 2/08** (2006.01); **E04C 3/06** (2006.01); **E04B 1/61** (2006.01); **E04C 3/04** (2006.01)

CPC (source: EP)  
**B60P 1/4492** (2013.01); **B62D 29/008** (2013.01); **B62D 33/023** (2013.01); **E04B 5/10** (2013.01); **E04C 2/08** (2013.01); **E04C 3/06** (2013.01); **E04B 1/6129** (2013.01); **E04C 2003/0413** (2013.01); **E04C 2003/0417** (2013.01); **E04C 2003/043** (2013.01); **E04C 2003/0439** (2013.01); **E04C 2003/0452** (2013.01); **E04C 2003/0465** (2013.01)

Citation (search report)  
See references of WO 2004013362A2

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)  
**FR 2842884 A1 20040130; FR 2842884 B1 20040903**; AU 2003273480 A1 20040223; AU 2003273480 A8 20040223; EP 1525329 A2 20050427; NO 20051044 L 20050225; PL 374102 A1 20050919; RU 2005105293 A 20050827; RU 2311515 C2 20071127; UA 80835 C2 20071112; WO 2004013362 A2 20040212; WO 2004013362 A3 20040408

DOCDB simple family (application)  
**FR 0209583 A 20020729**; AU 2003273480 A 20030728; EP 03755640 A 20030728; FR 0302370 W 20030728; NO 20051044 A 20050225; PL 37410203 A 20030728; RU 2005105293 A 20030728; UA 2005001757 A 20030728