

Title (en)  
Profiled bar for frames and corresponding frame

Title (de)  
Profilstange für Rahmen und entsprechender Rahmen

Title (fr)  
Barre profilée pour cadres et cadre correspondant

Publication  
**EP 2374955 A1 20111012 (EN)**

Application  
**EP 11160689 A 20110331**

Priority  
IT PD20100109 A 20100406

Abstract (en)  
The invention relates to a profiled bar (4) with a "T" section comprising a rib (24) and a plate (28). The profiled bar (4) has, on at least one end (12,16), an attachment element (20) suitable for engaging with a further profiled bar (4") The rib comprises at least one coupling aperture (36) shaped to house said attachment element (20), which comprises a base (40) for fixing to the rib, projecting at least partially from the profiled bar (4) with one free end (44), and a tongue (48) flexibly elastic and coupled to the fixing base. The tongue (48) is bent towards the fixing base at the free end (44), so as to form an angle of incidence with the fixing base and is provided with a pair of recesses (51,52) which define an attachment head (50). The coupling aperture (28) defines a first pair of projections (31,32) suitable for engaging with the recesses (51,52) to hold the attachment head (50) to the rib.

IPC 8 full level  
**E04B 9/12** (2006.01)

CPC (source: EP US)  
**E04B 9/122** (2013.01 - EP US)

Citation (applicant)  
• WO 2004042162 A1 20040521 - ATENA S R L [IT], et al  
• WO 2006100068 A1 20060928 - ATENA S R L [IT], et al

Citation (search report)  
• [X] US 2004159064 A1 20040819 - OKUMURA MASAHIRO [JP]  
• [A] US 3675957 A 19720711 - LICKLITER ROBERT PAUL, et al  
• [A] US 3093221 A 19630611 - PURDY BURL O

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