

Title (en)  
Profiled bar for frames and corresponding frame

Title (de)  
Profilstange für Rahmen und entsprechender Rahmen

Title (fr)  
Profilé pour cadres et cadre correspondant

Publication  
**EP 2374956 A1 20111012 (EN)**

Application  
**EP 11160694 A 20110331**

Priority  
IT PD20100108 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 obtained through shearing and bending of a portion of the fixing base (40), so as to form an angle of incidence with the fixing base (40) itself 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 4621474 A 19861111 - WORLEY ROBERT F [US]

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WO2017181405A1

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