

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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