

Title (en)  
Tension rod with end fasteners and method for manufacturing the same

Title (de)  
Zuganker mit Endverbinder und sein Herstellungsverfahren

Title (fr)  
Tirant d' ancrage avec des raccords d' extrémité et sa méthode de fabrication

Publication  
**EP 1039484 A3 20010207 (EN)**

Application  
**EP 00660050 A 20000313**

Priority  
FI 990624 A 19990319

Abstract (en)  
[origin: EP1039484A2] A tension rod (4) provided with end fasteners (1), and a method for manufacturing the same. The end fasteners (1) have socket-like elements (2) thereof secured by pressing around the ends of the tension rod (4) made of a composite material. Between the socket-like element (2) and the composite rod (4) is a gripping sleeve (5) made of a soft metal, particularly aluminium, which, when subjected to compression stress, establishes over its inner surface a grip on the outer surface of the tension rod (4) and over its outer surface a grip on the inner surface of the socket-like element (2). The gripping sleeve (5) increases tensile strength of the joint and, thus, also decreases the required dimensional measurements of the components. <IMAGE>

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**H01B 17/32**; **H01B 17/40**

IPC 8 full level  
**H01B 17/32** (2006.01); **H01B 17/40** (2006.01)

CPC (source: EP)  
**H01B 17/325** (2013.01); **H01B 17/40** (2013.01)

Citation (search report)  
• [A] EP 0439411 A1 19910731 - DERVAUX ETS [FR]  
• [A] US 5389742 A 19950214 - CLABBURN ROBIN J T [GB], et al

Cited by  
EP1540671A4; CN105810368A; US7532103B2

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