

Title (en)
Structural members

Title (de)
Strukturelemente

Title (fr)
Éléments de structure

Publication
EP 0819802 A3 19990428 (EN)

Application
EP 97118158 A 19940809

Priority
• EP 94305891 A 19940809
• GB 9317282 A 19930819

Abstract (en)
[origin: EP0639684A1] An elongate structural member (100) comprises an elongate body part made of sheet metal which has been cold formed into the cross-sectional shape required and provided with an attachment portion (120) at each end. <IMAGE>

IPC 1-7
E04C 3/07; **E04C 3/40**

IPC 8 full level
E04B 1/24 (2006.01); **E04C 3/07** (2006.01); **E04C 3/40** (2006.01); **E04C 3/04** (2006.01)

CPC (source: EP)
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Citation (search report)
• [XY] US 4109440 A 19780829 - BILL DAVID HEWITT
• [Y] FR 958763 A 19500317
• [A] GB 150061 A 19200826 - ALBERT STANLEY ADAMS
• [A] DE 8713079 U1 19871112
• [A] DE 2710298 A1 19780914 - STEIDLE GMBH & CO EMIL
• [A] FR 1173027 A 19590218
• [A] FR 2034774 A1 19701218 - ARMCO STEEL CORP [US]
• [A] FR 2265938 A1 19751024 - SCANOVATOR AB [SE]
• [A] EP 0177634 A1 19860416 - SADELM I COGEPI COMPAGNIA GENER [IT]

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