

Title (en)  
Strengthened metal hollow girder.

Title (de)  
Verstärkter Metallhohlträger.

Title (fr)  
Poutre métallique creuse renforcée.

Publication  
**EP 0495738 A1 19920722 (FR)**

Application  
**EP 92440002 A 19920116**

Priority  
FR 9100825 A 19910118

Abstract (en)  
The reinforced hollow metal girder has at least one face of longitudinal parallel ribs (2). <IMAGE>

Abstract (fr)  
La poutre métallique creuse renforcée présente sur au moins une face des nervures parallèles longitudinales (2). <IMAGE>

IPC 1-7  
**B66C 23/64; E02F 9/14; E04C 3/07**

IPC 8 full level  
**B66C 23/64** (2006.01); **E02F 3/38** (2006.01); **E04C 3/07** (2006.01); **E04C 3/04** (2006.01)

CPC (source: EP)  
**B66C 23/64** (2013.01); **E02F 3/38** (2013.01); **E04C 3/07** (2013.01); **E04C 2003/0413** (2013.01); **E04C 2003/043** (2013.01);  
**E04C 2003/0439** (2013.01)

Citation (search report)

- [X] DE 2817587 A1 19781109 - URZADZEN MECH BUMAR LABENDY
- [Y] US 2125691 A 19380802 - RAGSDALE EARL J W, et al
- [Y] FR 953577 A 19491208 - DEGERFORS JARNVERKS AKTIEBOLAG
- [Y] US 2664179 A 19531229 - GWYNNE JACOB M
- [X] CH 650302 A5 19850715 - GASSLER KURT
- [A] FR 1373313 A 19640925 - HEDLUND BRDR AB
- [A] FR 2001343 A7 19690926 - GRANGES HEDLUND
- [A] FR 1237928 A 19600805

Cited by  
**EP1251217A1; CN104180151A; EP1314835A1; GB2362148A; GB2362148B; US6699000B2**

Designated contracting state (EPC)  
AT BE DE ES IT LU NL PT SE

DOCDB simple family (publication)  
**EP 0495738 A1 19920722; FR 2671850 A1 19920724; FR 2671850 B1 19930716**

DOCDB simple family (application)  
**EP 92440002 A 19920116; FR 9100825 A 19910118**