

Title (en)

Steel rod used in the production of electrically welded mesh

Title (de)

Stahlstäbe zur Verwendung bei der Herstellung von elektrisch geschweißten Gittern

Title (fr)

Fil en acier pour la fabrication de treillis soudé par résistance électrique

Publication

**EP 0788847 A1 19970813 (EN)**

Application

**EP 97100966 A 19970122**

Priority

IT MI960222 A 19960207

Abstract (en)

A method for producing highly ductile electrically welded steel nets, particularly for use as reinforcement frames in the manufacture of reinforced-concrete structures, the method consisting in subjecting a steel billet, having a composition that contains substantially between 0.16 and 0.22% carbon, to rolling after heating in a furnace up to approximately 1200<o>C. The wire rod (1), preferably provided with ribs (2), produced by the rolling process is then subjected to a cold-deformation treatment and to assembly in a net-like configuration by electric welding. <IMAGE>

IPC 1-7

**B21C 37/04**; **B21B 1/16**

IPC 8 full level

**B21B 1/16** (2006.01); **B21C 37/04** (2006.01); **C21D 8/08** (2006.01); **B21B 15/00** (2006.01); **B21B 27/00** (2006.01); **B21B 45/00** (2006.01); **B21B 45/04** (2006.01)

CPC (source: EP)

**B21B 1/163** (2013.01); **B21C 37/045** (2013.01); **C21D 8/08** (2013.01); **B21B 27/00** (2013.01); **B21B 45/004** (2013.01); **B21B 45/04** (2013.01); **B21B 2015/0071** (2013.01)

Citation (search report)

- [XA] GB 2109281 A 19830602 - ALLIED STEEL WIRE LTD
- [XA] BE 635211 A
- [A] DE 2621330 A1 19771124 - FELS WERKE PEINE SALZGITTER
- [A] FR 2378578 A1 19780825 - ARBED [DE]

Cited by

CN114888075A

Designated contracting state (EPC)

AT CH DE ES FR GR IT LI

DOCDB simple family (publication)

**EP 0788847 A1 19970813**; IT 1282011 B1 19980306; IT MI960222 A0 19960207; IT MI960222 A1 19970807

DOCDB simple family (application)

**EP 97100966 A 19970122**; IT MI960222 A 19960207