Title (en)

Method of working connection end of deformed bar for reinforcing concrete, deformed bar worked by the method and structure of connecting deformed bar

Title (de)

Verfahren zur Herstellung eines Anschlussendes an einem verformten Bewehrungsstab für Stahlbeton, verformter Bewehrungsstab nach diesem Verfahren hergestellt und Bauweise zum Anschluss eines verformten Bewehrungsstabes

Title (fr)

Procédé de réalisation d'une extrémité de jonction à une barre déformée pour béton armé, barre déformée réalisée au moyen de ce procédé et structure de jonction pour barre déformée

Publication

EP 0947642 A3 20000112 (EN)

Application

EP 99302528 A 19990331

Priority

- CA 2268878 A 19990413
- KR 19980011278 A 19980331
- TW 88109033 A 19990601

Abstract (en)

[origin: EP0947642A2] With an object of providing a method of working a connection end portion of deformed bar for reinforcing concrete considerably reducing working expense by enhancing easiness of working by promoting mechanical strength of a connection portion by being able to work the connection portion without destructing a steel skeleton structure of a connection portion between pieces of steel bar, deformed bar worked by the method and a connection structure of deformed bar, the invention provides a method of working a connection end portion of deformed bar for reinforcing concrete featured in comprising a swaging step in which in deformed bar for reinforcing concrete featured in swaging at least a connection end portion at normal temperature and forming a rolled thread portion at an outer peripheral face of the connection end portion of the deformed bar subjected to the swaging step in which at least one connection end portion is swaged at a normal temperature such that a maximum diameter of the connection end portion is equal to or slightly larger than a diameter of a cylindrical body of the deformed bar or slightly smaller than a diameter of the deformed bar depending on a degree of working; and a rolling step of forming a thread portion having a diameter substantially equal to a swaging diameter at an outer peripheral face of the connection end portion of the deformed bar which has been subjected to the swaging step. <IMAGE>

IPC 1-7

E04C 5/16; E04C 5/03; B21B 1/16

IPC 8 full level

E04C 5/18 (2006.01); **B21B 1/16** (2006.01); **B21H 3/02** (2006.01); **B21J 5/08** (2006.01); **B21K 1/56** (2006.01); **E04C 5/03** (2006.01); **E04C 5/16** (2006.01)

CPC (source: EP)

B21B 1/163 (2013.01); **E04C 5/03** (2013.01); **E04C 5/165** (2013.01)

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