

Title (en)
REINFORCEMENT-IRON FOR USE IN JOINING CAST CONCRETE WORK

Publication
EP 0230206 B1 19900718 (DE)

Application
EP 86810139 A 19860324

Priority
EP 86810014 A 19860115

Abstract (en)
[origin: US4796851A] The reinforcing rod holder for use in joining cast concrete work has a body comprising a box-shaped portion and a cover portion which comprises a metal plate with a rough surface and faces the concrete wall which is to be erected, the cover portion being adapted to remain in the erected concrete wall. On its outer wall, the box has means to permit concrete to pass behind the cover portion when the holder is embedded in concrete in order to secure the cover portion. In addition, securing means are disposed on the box and on the cover portion in order to secure the cover portion on the box. The reinforcing rods extend through rod retainers, the upper portion of which protrude through an elongated opening in the metal plate and seal the plate. The box of the holder is preferably formed from plastics material and can be very easily and fully removed after the holder has been embedded in concrete, whereby the holder can be manufactured more economically than a holder which is manufactured partly or entirely from metal.

IPC 1-7
E04B 1/41; **E04C 5/16**; **E04G 11/06**

IPC 8 full level
E04B 1/41 (2006.01); **E04B 1/38** (2006.01); **E04C 5/00** (2006.01); **E04C 5/02** (2006.01); **E04C 5/16** (2006.01); **E04G 9/10** (2006.01); **E04G 11/06** (2006.01); **E04G 21/12** (2006.01)

IPC 8 main group level
E04C (2006.01); **E04G** (2006.01)

CPC (source: EP KR US)
E04B 1/388 (2023.08 - KR); **E04C 5/02** (2013.01 - KR); **E04G 21/12** (2013.01 - KR); **E04G 21/125** (2013.01 - EP US)

Citation (examination)
DE 3220847 A1 19831208 - HIFRA GMBH [CH]

Cited by
FR2712619A1; FR2710091A1; FR2941983A1; EP0539845A1; DE9113086U1

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