

Title (en)
Mechanical connection for concrete reinforcing rods, device for installing this mechanical connection and process for fixing mechanical connections for concrete reinforcing rods

Title (de)
Mechanische Betonstahlverbindung, Vorrichtung zur Montage derselben und Verfahren zur Befestigung von Betonstählen

Title (fr)
Liaison mécanique de ronds à béton, dispositif pour la mise en place de cette liaison mécanique et procédé de fixation de liaison mécanique de ronds à béton

Publication
EP 0716195 B1 19980527 (FR)

Application
EP 94490056 A 19941209

Priority

- EP 94490056 A 19941209
- CA 2140196 A 19950113
- FR 9312712 A 19931020
- JP 3072195 A 19950220

Abstract (en)
[origin: EP0716195A1] A mechanical connection for concrete reinforcing rods lacking a threaded end or the like comprises - a sleeve (11) with a cylindrical hollow body into which is introduced axially the end of the reinforcing rod (7) which has no connecting element; - a coaxial threaded portion (8) on the end of the sleeve (11); - the outer material of the sleeve (11) having undergone deformation by necking-in in the area of the end of the reinforcing rod so that - the material of the ribs (10) on the reinforcing rod also deforms in order connect the reinforcing rod and the sleeve. This deformation may be produced by a piston (21) and die (23) of a jack screwed on to thread (8). After removal of the jack, the further reinforcing rod is attached via thread (8). <IMAGE>

IPC 1-7
E04C 5/16; **E04G 21/12**; **B21D 39/04**

IPC 8 full level
E04C 5/18 (2006.01); **B21D 39/04** (2006.01); **E04C 5/12** (2006.01); **E04C 5/16** (2006.01); **E04G 21/12** (2006.01)

IPC 8 main group level
E04C (2006.01)

CPC (source: EP)
B21D 39/04 (2013.01); **E04C 5/125** (2013.01); **E04C 5/16** (2013.01); **E04G 21/121** (2013.01); **E04G 21/125** (2013.01)

Cited by
EP0874096A1; CN114753537A; CN109898746A

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AT BE CH DE DK ES FR GR IE IT LI LU MC NL PT SE

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EP 0716195 A1 19960612; **EP 0716195 B1 19980527**; AT E166686 T1 19980615; CA 2140196 A1 19960714; CA 2140196 C 20010529; DE 69410618 D1 19980702; DE 69410618 T2 19990114; DE 716195 T1 19961212; ES 2118352 T3 19980916; FR 2711385 A1 19950428; FR 2711385 B1 19951215; GB 2283031 A 19950426; GB 2283031 B 19970312; GB 9402789 D0 19940406; HK 1007341 A1 19990409; JP H08218553 A 19960827

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