

Title (en)
METHOD OF MAKING MECHANICAL BAR JOINTS, BAR JOINT MAKING POSSIBLE THE METHOD, AND MECHANICAL BAR JOINT MADE BY SAME

Publication
EP 0327770 B1 19930120 (FR)

Application
EP 88403093 A 19881206

Priority
• FR 8801611 A 19880203
• FR 8815472 A 19881114

Abstract (en)
[origin: EP0327770A1] The mechanical coupling system, especially for cylindrical concrete components used in construction, consists of using a threaded sleeve (3) to couple the two ends (4,5) of the components (1,2), which are also threaded. Prior to fitting the components together with the sleeve, the ends of the components are reduced in diameter, for the length covering their threads, by cooling them. The ends of the components may also be pre-stressed, for the length of their threads, prior to joining, using an effort of between 70 and 95 per cent of the components' limit of elasticity.

IPC 1-7
E04C 5/01; **E04C 5/12**; **E04C 5/18**; **F16B 7/18**

IPC 8 full level
E04C 5/18 (2006.01); **E04C 5/16** (2006.01); **F16B 7/18** (2006.01)

CPC (source: EP KR US)
E04C 5/00 (2013.01 - KR); **E04C 5/165** (2013.01 - EP US); **Y10T 403/5733** (2015.01 - EP US); **Y10T 403/5746** (2015.01 - EP US)

Cited by
EP0563490A1; US5660594A; FR2653809A1; FR2689156A1; US5308184A; WO9324257A1; WO9008867A1; EP0745011A1

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