

Title (en)

PRESTRESSING DEVICES FOR CONCRETE WITH SINUOUS STRESSING CABLES, AND METHODS FOR USING THEM

Publication

EP 0220113 B1 19890503 (FR)

Application

EP 86402243 A 19861009

Priority

FR 8515030 A 19851010

Abstract (en)

[origin: US4693044A] The invention relates to the prestressing of a concrete work by means of a relatively long stretched sinuous cable (1) formed by a bundle of several metal strands (2) housed individually in plastic material tubes (3). The different tubes with their strands are positioned without special precautions in a sheath (5) buried in the work then a sufficiently unctuous and fine cement grout (6) is injected into this sheath for filling the spaces in the sheath between the tubes and strands are tensioned individually after solidification of the injected cement grout, by means of relatively light automatically operated actuating cylinders.

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E04C 5/08; E04G 21/12

IPC 8 full level

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Cited by

US4837885A; DE3731221A1; FR2650618A1; FR2638771A1; FR2794477A1; US6476326B1; AU763147B2; WO0075418A1; WO9001582A1

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