

Title (en)

TENDONS WITH DEFERRED BONDING AND METHOD FOR STRESSING CONCRETE, AS WELL AS PRESTRESSED CONCRETE ELEMENTS

Publication

EP 0219894 B1 19891206 (EN)

Application

EP 86201601 A 19860918

Priority

NL 8502588 A 19850920

Abstract (en)

[origin: EP0219894A1] The tendon comprises a tensionable core (1), an envelope formed by a hardenable composition (2,3) and a shield (4), whereby the hardenable composition (2,3) has a lubricating action and hardens after the core (1) has been tensioned. The hardenable composition (2,3) hardens without the supply of heat whereby its components or preproducts are distributed over various distinct phases, whereby at least one continuous phase of the hardenable composition is provided with lubricating action, which after hardening substantially disappears, and whereby there is also provided a barrier layer regulating the speed of the hardening reaction of the hardenable composition.

IPC 1-7

E04C 5/08

IPC 8 full level

E04C 5/08 (2006.01)

CPC (source: EP)

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Citation (examination)

US 3646748 A 19720307 - LANG FREDERIC A

Cited by

EP0441029A1; EP0273564A1; US5149385A; AU590453B2; EP0302649A3; US4929650A; US5254190A; AU598144B2; WO9841708A1; WO9624476A1

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