

Title (en)

Prestressing strand for concrete structures and concrete structures containing such strand.

Title (de)

Vorspannkabel für Betonkonstruktionen und Betonkonstruktionen mit solchem Kabel.

Title (fr)

Câble de précontrainte pour structures de béton et structures de béton comprenant un tel câble.

Publication

EP 0078564 A2 19830511 (EN)

Application

EP 82201303 A 19821020

Priority

CH 696681 A 19811102

Abstract (en)

In a prestressing strand for use in stressing a concrete structure, having one or more central core wires and a plurality of outer wires extending helically around the core wire the surface of at least the core wires is modified in order to increase the friction resistance to relative movement between the core wire and the outer wires. This strand is found to give more accurate stressing, where the conduit in the concrete for the tensioned wire is curved. The outer wires may also have modified surfaces. The modification may be mechanical indentations or surface conditioning treatment such as oxidation, etching, coating or deposition.

IPC 1-7

E04C 5/08; **D07B 1/06**

IPC 8 full level

D07B 1/06 (2006.01); **E04C 5/08** (2006.01)

CPC (source: EP)

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C-Set (source: EP)

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EP 0078564 A2 19830511; **EP 0078564 A3 19840523**; **EP 0078564 B1 19870812**; AT E28913 T1 19870815; DE 3276952 D1 19870917; ES 271531 U 19831016; ES 516971 A0 19841001; ES 8500372 A1 19841001; FI 72370 B 19870130; FI 72370 C 19870511; FI 823701 A0 19821029; FI 823701 L 19830503; NO 165122 B 19900917; NO 165122 C 19901227; NO 823616 L 19830503

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