

Title (en)
PROTECTED TENSIONING MEMBERS IN CONCRETE

Publication
EP 0154243 A3 19861230 (DE)

Application
EP 85101794 A 19850219

Priority
DE 3407017 A 19840227

Abstract (en)
[origin: EP0154243A2] When using unidirectionally (glass) fibre-reinforced composite material profiles (1, 21) for pretensioning in concrete construction, the unavoidable matrix cracks during tensioning must be closed in order to prevent the premature destruction of the fibres. The tensioning members (1, 21) extending in jacket tubes (7, 20) are encased by a pourable sealing compound which is sufficiently flowable and wetting, exhibits no shrinkage and permits a constant force transmission from the tensioning member to the jacket tube firmly connected to the concrete.
<IMAGE>

IPC 1-7
E04G 21/12; **E04C 5/08**

IPC 8 full level
E04C 5/08 (2006.01); **E04G 21/12** (2006.01)

CPC (source: EP)
E04C 5/08 (2013.01); **E04G 21/12** (2013.01)

Citation (search report)
• [AD] DE 2108390 A1 19711014 - PECHINEY PROD CHIM
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Designated contracting state (EPC)
AT CH DE FR GB IT LI

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EP 0154243 A2 19850911; **EP 0154243 A3 19861230**; DE 3407017 A1 19850829; FI 850757 A0 19850225; FI 850757 L 19850828

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