

Title (en)
METHOD OF REPAIRING AND REINFORCING PRESTRESSED CONCRETE STRUCTURE

Title (de)
VERFAHREN UM VORGESPANNTE BETONSTRUKTUREN ZU REPARIEREN UND BEWEHREN

Title (fr)
PROCEDE DE REPARATION ET DE RENFORT DE STRUCTURES EN BETON PRECONTRAIINT

Publication
EP 0824167 A4 20000719 (EN)

Application
EP 97905420 A 19970227

Priority
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• JP 4390496 A 19960229

Abstract (en)
[origin: WO9732084A1] A method of repairing and reinforcing a prestressed concrete structure which is given prestress by tension members such as PC steel member. Reinforcement sheets (16) are secured to ends of tension members (7) provided in a structure (1) or to surfaces of coverings for the ends to repair them whereby the ends of the tension members are covered with reinforcement materials. With such arrangement, even when the tension members are broken, the ends of the dislocated tension members are blocked by the reinforcement sheets to prevent the tension members from projecting outside the structure.

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E01D 21/00; **E01D 22/00**

IPC 8 full level
E01D 2/00 (2006.01); **E01D 21/00** (2006.01); **E01D 22/00** (2006.01); **E04C 5/08** (2006.01); **E04G 21/12** (2006.01); **E04G 23/02** (2006.01); **E01D 101/00** (2006.01)

CPC (source: EP)
E01D 22/00 (2013.01)

Citation (search report)
• [A] DE 1256671 B 19671221 - DYCKERHOFF & WIDMANN AG
• [A] EP 0378232 A1 19900718 - MITSUBISHI CHEM IND [JP], et al
• See references of WO 9732084A1

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CN103243662A; FR2839090A1; US7992357B2; WO03093581A1

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