

Title (en)
A STRUCTURAL ELEMENT

Title (de)
TRAGELEMENT

Title (fr)
ELEMENT STRUCTUREL

Publication
EP 1694926 A1 20060830 (EN)

Application
EP 04802050 A 20041210

Priority
• AU 2004001748 W 20041210
• AU 2003906805 A 20031210

Abstract (en)
[origin: WO2005056948A1] A structural element comprising at least one pre-tensioned fibre reinforced plastic reinforcement member, the pre-tensioned fibre reinforced plastic reinforcement member having a constant cross-section through a length of the reinforcement; and a polymer concrete member surrounding said pre-tensioned fibre reinforced plastic reinforcement member; wherein a force transfer between the fibre reinforced plastic reinforcement member and the polymer concrete is through polymer adhesive bonding.

IPC 8 full level
E04C 3/26 (2006.01); **E04C 3/34** (2006.01); **E04C 5/07** (2006.01)

CPC (source: EP)
E04C 3/26 (2013.01); **E04C 3/34** (2013.01); **E04C 5/07** (2013.01); **E04C 5/085** (2013.01)

Citation (search report)
See references of WO 2005056948A1

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU MC NL PL PT RO SE SI SK TR

Designated extension state (EPC)
AL BA HR MK YU

DOCDB simple family (publication)
WO 2005056948 A1 20050623; CA 2548508 A1 20050623; EP 1694926 A1 20060830; JP 2007514077 A 20070531

DOCDB simple family (application)
AU 2004001748 W 20041210; CA 2548508 A 20041210; EP 04802050 A 20041210; JP 2006543321 A 20041210