

Title (en)
REPAIR OF HOLLOW TUBULAR STRUCTURES

Title (de)
REPARATUR VON HOHLEN ROHRFÖRMIGEN STRUKTUREN

Title (fr)
REPARATION DE STRUCTURES CREUSES TUBULAIRES

Publication
EP 1155196 A4 20041215 (EN)

Application
EP 00906057 A 20000221

Priority
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• AU PP882199 A 19990222

Abstract (en)
[origin: WO0050697A1] A method of increasing the structural strength of a hollow load bearing member such as a pile (12), particularly for the purpose of repairing a damaged pile, includes the steps of fitting a rigid structural insert (17) into the pile (12) and spaced therefrom to form an interspace (18), filling the interspace (18) with an expansive filler (19), and allowing the filler (19) to set and expand in the interspace (18) to impose tensile hoop stresses in the pile (12) and corresponding compressive hoop stresses in the insert (17), to enhance the load transfer between the pile (12) and the insert (17)

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• [X] US 3798867 A 19740326 - STARLING B
• [A] EP 0624700 A2 19941117 - TONEN CORP [JP]
• See references of WO 0050697A1

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