

Title (en)
PROCESS AND APPARATUS FOR ANCHORING THE SHIELDINGS OF A REINFORCED-EARTH WALL

Publication
EP 0377541 B1 19930623 (FR)

Application
EP 90420001 A 19900102

Priority
FR 8900031 A 19890103

Abstract (en)
[origin: EP0377541A1] The process and apparatus which are the subject of the invention make it possible to repair particular reinforced-earth walls consisting of shieldings made of non-reinforced concrete. The shieldings (11) are anchored by means of plates (18) on which bear ties installed in the retained earth by way of a borehole starting from the centre of the shielding (40). The process involves retaining the shieldings (11) by means of a bearing plate (18) fixed to the head of the tie by a nut and pressed onto the shielding (11) at points equidistant from the centre of the shielding and arranged on the axes of symmetry or diagonals (38 and 39) of the shielding (11) and being greater than or equal to four in number. The device is a bearing plate (18) obtained by moulding, which has the general form of a star with four arms (34 to 37) terminating in pads (19) which allow the plate to bear on the shielding (11) at these points only. <IMAGE>

IPC 1-7
E02D 5/76; **E02D 29/02**

IPC 8 full level
E02D 5/76 (2006.01); **E02D 17/04** (2006.01); **E02D 29/02** (2006.01); **E04G 23/02** (2006.01); **E21D 21/00** (2006.01)

CPC (source: EP)
E02D 5/76 (2013.01); **E02D 17/04** (2013.01); **E02D 29/0233** (2013.01); **E04G 23/0218** (2013.01); **E21D 21/0086** (2013.01)

Citation (examination)
Renforcement des ouvrages en terre armée, 9.11.87, SETRA, 92223 BAGNEUX, France

Cited by
FR2796091A1; DE19754506A1; FR2953231A1; EP0939168A3; FR2900669A1; EP0861969A1; WO2012029012A3; WO2007128913A1

Designated contracting state (EPC)
AT BE CH DE DK ES FR GB GR IT LI LU NL SE

DOCDB simple family (publication)
EP 0377541 A1 19900711; **EP 0377541 B1 19930623**; AT E90984 T1 19930715; DE 69002007 D1 19930729; DE 69002007 T2 19940601; DK 0377541 T3 19931025; ES 2043327 T3 19931216; FR 2641295 A1 19900706; FR 2641295 B1 19911213

DOCDB simple family (application)
EP 90420001 A 19900102; AT 90420001 T 19900102; DE 69002007 T 19900102; DK 90420001 T 19900102; ES 90420001 T 19900102; FR 8900031 A 19890103