

Title (en)  
Tensioning element for the manufacturing of an anchoring

Title (de)  
Spannelement zur Herstellung einer Verankerung

Title (fr)  
Élément de tension pour la confection d'un ancrage

Publication  
**EP 1559847 B1 20200325 (FR)**

Application  
**EP 05102789 A 19980209**

Priority  
• EP 05102789 A 19980209  
• EP 98810096 A 19980209

Abstract (en)  
[origin: EP0935034A1] An anchoring device which is not accessible on one of its sides can be made by preparing a cavity (11) and using different tensioning parts (4), each having an end portion with an adapted shape. The cavity can be obtained by concreting an anchoring part (1) having an opening (12) on one of its ends. After concreting the anchoring piece in the cavity, a sealing mortar is introduced into the cavity so as to lock the ends of the tensioning parts in the cavity.

IPC 8 full level  
**E02D 5/74** (2006.01); **E04B 1/41** (2006.01); **E04C 5/12** (2006.01); **E04G 21/12** (2006.01); **E02D 5/58** (2006.01)

CPC (source: EP KR US)  
**E02D 5/74** (2013.01 - KR); **E04C 5/12** (2013.01 - EP US); **E04C 5/125** (2013.01 - EP US); **E04C 5/127** (2013.01 - EP US);  
**E04G 21/12** (2013.01 - EP US); **E02D 5/58** (2013.01 - EP US)

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Designated contracting state (EPC)  
CH DE ES FR GB IT LI SE

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**EP 0935034 A1 19990811**; **EP 0935034 B1 20070411**; AU 1318499 A 19990826; AU 748723 B2 20020613; CN 1152995 C 20040609; CN 1225969 A 19990818; DE 69837524 D1 20070524; DE 69837524 T2 20071220; EP 1559847 A1 20050803; EP 1559847 B1 20200325; ES 2285752 T3 20071116; HK 1022007 A1 20000721; JP 2000064434 A 20000229; JP 3215381 B2 20011002; KR 100385237 B1 20030523; KR 19990072472 A 19990927; NO 323179 B1 20070115; NO 990557 D0 19990205; NO 990557 L 19990810; US 2001007185 A1 20010712; US 2002078643 A1 20020627; US 6216403 B1 20010417

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