

Title (en)
Fixing Devices

Title (de)
Befestigungsvorrichtungen

Title (fr)
Dispositifs de fixation

Publication
EP 1486629 A2 20041215 (EN)

Application
EP 04102483 A 20040603

Priority
GB 0313368 A 20030610

Abstract (en)
A fixing device (2) consists of a threaded rod (4) having tool engaging heads (8) at each end (6). The heads (8) have a maximum width which is smaller than the diameter of the rod (4). A nut (30) is fitted to the rod (4). The fixing device can be inserted from one side through a load limiting washer (26), an embedment (20) and into a threaded bore (12) in a shutter (10). After the concrete has been cast the rod (4) can be removed from the other side leaving the nut (30) in the concrete behind the embedment (20). <IMAGE>

IPC 1-7
E04G 21/18; **E04G 15/06**

IPC 8 full level
E04B 1/41 (2006.01); **E04G 15/06** (2006.01); **E04G 21/18** (2006.01)

CPC (source: EP)
E04B 1/4107 (2013.01); **E04B 1/4121** (2013.01); **E04G 15/061** (2013.01); **E04G 21/185** (2013.01)

Citation (applicant)
• GB 2145460 A 19850327 - RUND STAHL BAU GMBH & CO
• CA 2375070 A1 20020608 - 4254563 MANITOBA LTD [CA]

Cited by
EP3514297A1; DE102018101251A1; US2019226200A1; US10570610B2

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EP 1486629 A2 20041215; **EP 1486629 A3 20050810**; GB 0313368 D0 20030716; GB 2402698 A 20041215; GB 2402698 B 20050525

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