

Title (en)  
A TIE ROD FOR FORMWORK

Title (de)  
SCHALUNGSANKER

Title (fr)  
TIGE D'ENTRETOISE POUR COFFRAGE

Publication  
**EP 1945883 A1 20080723 (EN)**

Application  
**EP 06812793 A 20061027**

Priority  
• NO 2006000376 W 20061027  
• NO 20055158 A 20051103  
• NO 20063831 A 20060828

Abstract (en)  
[origin: WO2007053027A1] A tie rod (1) for joining opposite side sections (23a, 23b) of a casting formwork (21) , the tie rod (1) being provided with a mid portion (3) and two rod end portions (5a, 5b) and there being formed, in the transitions between the mid portion (3) and either rod end portion (5a, 5b) at least one abutment surface (7) which is arranged to rest supportingly on an internal side surface (23c) of the side sections (23a, 23b) , and the rod end portions (5a, 5b) including rests (9) for wedge devices (11) for securing the side sections (23a, 23b) of the casting formwork (21) , and the tie rod (1) including a stem (2) of great tensile strength and a surrounding mantle (2a), the mid portion (3) and the mantle (2a) of the stem (2) being formed as a continuous structure, the stem (2), the mantle (2a) and mid portion (3) being formed of non- corrosive materials.

IPC 8 full level  
**E04G 17/06** (2006.01); **E04G 17/07** (2006.01)

CPC (source: EP US)  
**E04G 11/18** (2013.01 - EP US); **E04G 17/06** (2013.01 - EP US); **E04G 17/0721** (2013.01 - EP US); **E04G 17/0742** (2013.01 - EP US)

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 LV MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)  
**WO 2007053027 A1 20070510**; CA 2665789 A1 20070510; CA 2665789 C 20120131; DK 1945883 T3 20150727; EP 1945883 A1 20080723; EP 1945883 A4 20140709; EP 1945883 B1 20150429; JP 2009515067 A 20090409; JP 4888490 B2 20120229; NO 20063831 L 20070504; NO 333274 B1 20130429; US 2008277560 A1 20081113

DOCDB simple family (application)  
**NO 2006000376 W 20061027**; CA 2665789 A 20061027; DK 06812793 T 20061027; EP 06812793 A 20061027; JP 2008538837 A 20061027; NO 20063831 A 20060828; US 9233606 A 20061027