Title (en)
ANCHOR FOR HANDLING CONSTRUCTION ELEMENTS COMPRISING FIXED DIVERGENT ARMS

Title (de)
FESTGELEGTE, DIVERGIERENDE ARME UMFASSENDER ANKER ZUR HANDHABUNG VON BAUELEMENTEN

Title (fr)
ANCRE DE MANUTENTION D'ÉLÉMENTS DE CONSTRUCTION AUX BRANCHES DIVERGENTES MAINTENUES

Publication
EP 2252539 A1 20101124 (FR)

Application
EP 09709462 A 20090209

Priority
• FR 2009050207 W 20090209
• EP 08300079 A 20080208
• EP 09709462 A 20090209

Abstract (en)
[origin: EP2088112A1] The anchor has a head part (1) that is extended along a principal plane (P), and a lower part (17) for assuring an anchor (11) in a construction element (19) e.g. concrete panel. The lower part has branches (13a, 13b) diverging towards the lower end, where the branches are extended outside the plane. A predetermined angle is formed between the branches. Converging flat parts (14a, 14b) connect the branches with each other for maintaining the predetermined angle between the branches.

IPC 8 full level
B28B 23/00 (2006.01); **B66C 1/66** (2006.01); **E04B 1/41** (2006.01); **E04G 21/14** (2006.01)

CPC (source: EP KR US)
B28B 23/005 (2013.01 - EP US); **B66C 1/66** (2013.01 - KR); **B66C 1/666** (2013.01 - EP US); **E04G 21/142** (2013.01 - EP US); **E04B 1/41** (2013.01 - EP US)

Citation (search report)
See references of WO 2009101353A1

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO SE SI SK TR

Designated extension state (EPC)
AL BA RS

DOCDB simple family (publication)
EP 2088112 A1 20090812; AU 2009213917 A1 20090820; AU 2009213917 B2 20140828; BR PI0905954 A2 20150630; CA 2714270 A1 20090820; CA 2714270 C 20151006; CN 101939245 A 20110105; CN 101939245 B 20140625; DK 2252539 T3 20120903; EP 2252539 A1 20101124; EP 2252539 B1 20120606; ES 2388989 T3 20121022; JP 2011511193 A 20110407; JP 5504448 B2 20140528; KR 101580940 B1 20151230; KR 20100109980 A 20101011; MX 2010008705 A 20100830; NZ 587346 A 20130328; PL 2252539 T3 20130228; PT 2252539 E 20120904; RU 2010136358 A 20120320; RU 2500607 C2 20131210; US 2011000148 A1 20110106; US 8353133 B2 20130115; WO 2009101353 A1 20090820

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