

Title (en)

ANCHOR FOR HANDLING BUILDING ELEMENTS, IN PARTICULAR A CONCRETE PANEL

Title (de)

ANKER ZUR HANDHABUNG VON BAUELEMENTEN, INSBESONDERE VON BETONPLATTEN

Title (fr)

ANCRE DE MANUTENTION D'ELEMENTS DE CONSTRUCTION NOTAMMENT DE PANNEAU EN BETON

Publication

EP 2097597 B1 20140507 (FR)

Application

EP 06847130 A 20061222

Priority

FR 2006002860 W 20061222

Abstract (en)

[origin: WO2008078008A1] The invention relates to a handling anchor, in particular for lifting, raising, turning over, transporting and laying building elements such as precast blocks or panels essentially made of concrete and to be connected to a building element (6), of the type including a connecting head (3) for connecting the building element to a handling machine and a body portion including active parts that, when the anchor (1) is connected to the construction element, ensure the adhesion thereof to the material of the building element. The anchor is characterised in that the portion defining the anchor body includes at least one land (2) including at least one face (14, 15, 16). The invention can be used for handling concrete panels.

IPC 8 full level

E04G 21/14 (2006.01)

CPC (source: EP KR US)

E04G 21/14 (2013.01 - KR); **E04G 21/142** (2013.01 - EP US)

Citation (examination)

- FR 2177488 A1 19731109 - FOUCAULT PIERRE [FR]
- GB 804817 A 19581126 - DYNAMIDON WERK ENGELHORN & CO
- US 6334286 B1 20020101 - ZAMBELLI SERGIO [IT], et al

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

Designated extension state (EPC)

AL BA HR MK RS

DOCDB simple family (publication)

WO 2008078008 A1 20080703; AU 2006352372 A1 20080703; AU 2006352372 B2 20130321; BR PI0622165 A2 20111227; CA 2672947 A1 20080703; CA 2672947 C 20140930; CN 101605953 A 20091216; CN 101605953 B 20130710; EP 2097597 A1 20090909; EP 2097597 B1 20140507; ES 2476800 T3 20140715; HK 1133910 A1 20100409; JP 2010513759 A 20100430; JP 4998904 B2 20120815; KR 101391800 B1 20140507; KR 20100014328 A 20100210; MX 2009006616 A 20090710; NZ 577831 A 20130222; US 2010058677 A1 20100311; US 2012067001 A1 20120322; US 8402701 B2 20130326

DOCDB simple family (application)

FR 2006002860 W 20061222; AU 2006352372 A 20061222; BR PI0622165 A 20061222; CA 2672947 A 20061222; CN 200680056777 A 20061222; EP 06847130 A 20061222; ES 06847130 T 20061222; HK 10100840 A 20100126; JP 2009542120 A 20061222; KR 20097015329 A 20061222; MX 2009006616 A 20061222; NZ 57783106 A 20061222; US 201113288410 A 20111103; US 51953709 A 20090709