

Title (en)
Connector element for cantilever slab

Title (de)
Kragplattenanschlusselement

Title (fr)
Élément de connexion pour dalle en porte-à-faux

Publication
EP 2281959 A1 20110209 (DE)

Application
EP 10405121 A 20100624

Priority
CH 9852009 A 20090624

Abstract (en)
The element (11) has a cantilever plate module (23) comprising a core grid penetrating an insulation body (13) and formed from structural steel rods (15). The rods are arranged in an upper half of the insulation body, and a set of pressure elements (17) i.e. steel bars, is integrated in the insulation body below the rods. The pressure elements are arranged in short distance to a lower edge of the body, and are round in cross-section. Pressure valve plates (19) are fixed at both ends of the pressure elements, and overlap the cross-section of the pressure elements. An independent claim is also included for a method for producing a cantilever plate connecting element.

Abstract (de)
Ein Kragplattenanschlusselement (11) besteht aus einem Isolationskörper (13) und einer den Isolationskörper (13) durchdringenden Armierung, welche aus wenigstens einer Reihe von Formstahlstäben (15) gebildet ist. Im Isolationskörper (13) sind Druckelemente (17) integriert, welche Druckkräfte in eine Wand einleiten können, in der das Kragplattenanschlusselement (11) eingesetzt ist. Das Kragplattenanschlusselement (11) ist aus einzelnen Kragplattenmodulen (23) und einzelnen Isolationskörpern (27) aufgebaut, die individuell nebeneinander anordenbar sind.

IPC 8 full level
E04B 1/00 (2006.01)

CPC (source: EP)
E04B 1/0038 (2013.01)

Citation (applicant)

- DE 102006011336 A1 20070913 - SCHOECK BAUTEILE GMBH [DE], et al
- EP 1887155 A1 20080213 - HALFEN GMBH [DE]
- WO 0186081 A1 20011115 - KRISCHANETZ ADOLF [DE]
- DE 102005040170 A1 20070301 - SCHOECK BAUTEILE GMBH [DE]
- EP 0499590 A1 19920819 - BONOMO RETO [CH]

Citation (search report)

- [XDAYI] DE 102006011336 A1 20070913 - SCHOECK BAUTEILE GMBH [DE], et al
- [XDAYI] EP 1887155 A1 20080213 - HALFEN GMBH [DE]
- [YD] WO 0186082 A1 20011115 - ELECTRICITE DE FRANCE [FR], et al
- [XDI] DE 102005040170 A1 20070301 - SCHOECK BAUTEILE GMBH [DE]
- [XDAYI] EP 0499590 A1 19920819 - BONOMO RETO [CH]
- [YA] EP 0338972 A1 19891025 - BAU BOX EWIAG [CH]

Designated contracting state (EPC)
AL 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 SM TR

Designated extension state (EPC)
BA ME RS

DOCDB simple family (publication)
CH 701351 A1 20101231; EP 2281959 A1 20110209; EP 2281959 B1 20151216

DOCDB simple family (application)
CH 9852009 A 20090624; EP 10405121 A 20100624