

Title (en)
Connection element between two concrete components

Title (de)
Verbindungselement zwischen zwei Betonbauteilen

Title (fr)
Élément de liaison entre deux composants en béton

Publication
EP 2685019 B1 20150715 (DE)

Application
EP 12005159 A 20120713

Priority
EP 12005159 A 20120713

Abstract (en)
[origin: EP2685019A1] The connector has an armature bar (10) firmly bonded on a white steel base plate (2). Black steel bolts are connected with the base plate by a white steel adapter using a stud welding process. The bolts are longer than the adapter and are positively connected with the adapter. A length of the adapter is chosen such that transition of the adapter to the bolts is completely surrounded by concrete of a concrete component. The base plate and the adapter are made of chromium-nickel steel. The bolts are made of S235 or S295 reinforcing steel.

IPC 8 full level
E04B 1/21 (2006.01)

CPC (source: EP)
E04B 1/215 (2013.01)

Cited by
CN110805303A; DE202014006755U1; DE202015005913U1

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 RS SE SI SK SM TR

DOCDB simple family (publication)
EP 2685019 A1 20140115; EP 2685019 B1 20150715

DOCDB simple family (application)
EP 12005159 A 20120713