

Title (en)
Expansion joint construction element

Title (de)
Dehnfugenkonstruktionselement

Title (fr)
Élément de construction de joints de dilatation

Publication
EP 2743415 B1 20150218 (DE)

Application
EP 13188862 A 20131016

Priority
CH 27792012 A 20121212

Abstract (en)
[origin: EP2743415A1] The element (1) has a heavy load arbor (10) designed as a filled hollow arbor. A bearing sleeve (20) runs in an inserted state with an exit surface with an expansion joint-side outer surface of a component (B2) in which the bearing sleeve is installed in a flushed manner while the heavy load arbor is installed in a concreted component (B1) with the bearing sleeve. Double side bolts are directly or indirectly attached at two opposite side walls aligned vertically in a final installation position. The hollow arbor is filled with ultrahigh-fixed concrete.

IPC 8 full level
E04B 1/48 (2006.01)

CPC (source: EP)
E01C 11/14 (2013.01); **E04B 1/483** (2013.01)

Cited by
CN108678194A; CN112119192A; RU2753333C1; US11486131B2; WO2019210968A1; TWI753253B

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 2743415 A1 20140618; EP 2743415 B1 20150218; CH 707321 A1 20140613; PL 2743415 T3 20150831

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