

Title (en)

Sleeve and pin connection of adjacent construction elements

Title (de)

Hülsen-/Dorn-Verbindung zwischen benachbarten Bauteilen

Title (fr)

Douille et broche pour la connection d'éléments de construction adjacents

Publication

EP 1113115 A3 20021009 (DE)

Application

EP 00128037 A 20001221

Priority

DE 19964031 A 19991230

Abstract (en)

[origin: EP1113115A2] The connection has a pin part embedded in the concrete of one component and projecting into a sleeve (3) embedded in the concrete of the other component. The sleeve and the pin have pressure distribution elements (2,4), which are spaced in the upper and lower areas of the connection and extend backwards into the components. The upper (2a,b,4a,b) and lower (2c,d,4c,d) sections of the pressure distribution elements are connected by vertical connection pieces (2e,f,4e) near the joint and by horizontal connection pieces (2g,h,4,g,h) at the ends inside the components.

IPC 1-7

E04B 1/48; **E01C 11/14**

IPC 8 full level

E04B 1/48 (2006.01)

CPC (source: EP)

E04B 1/483 (2013.01)

Citation (search report)

- [XAY] EP 0773324 A1 19970514 - F J ASCHWANDEN AG [CH]
- [Y] EP 0886008 A1 19981223 - ERB TONI H [CH]
- [Y] EP 0554483 A1 19930811 - MEYERS CLAUDE [BE]
- [A] EP 0919672 A2 19990602 - BASYS AG [CH]

Cited by

EP1329563A1; CN105220834A; EP3584367A1; EP3960944A1; WO2021151512A1

Designated contracting state (EPC)

AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE TR

DOCDB simple family (publication)

EP 1113115 A2 20010704; **EP 1113115 A3 20021009**; DE 19964031 A1 20010705

DOCDB simple family (application)

EP 00128037 A 20001221; DE 19964031 A 19991230