

Title (en)  
Muffle connection for concrete reinforcement rods

Title (de)  
Muffenverbindung für Betonbewehrungsstäbe

Title (fr)  
Liaison de manchons pour tiges d'armature en béton

Publication  
**EP 2108759 A3 20120509 (DE)**

Application  
**EP 09001737 A 20090207**

Priority  
DE 102008018325 A 20080411

Abstract (en)  
[origin: EP2108759A2] The sleeve joint (1) has concrete reinforcing bars (2) connected to a sleeve part (3) by a connecting end. Elasticity modules of the reinforcing bars are different from each other. The sleeve part has a recess (4) for receiving the concrete reinforcing bar with a relatively low elasticity module and a junction, particularly a recess (5) for another concrete reinforcing bar with a relatively high elasticity module. An additional inner structure (6) is formed, which interacts with complimentary structure (7) at the connection end of the former concrete reinforcing bar.

IPC 8 full level  
**E04C 5/16** (2006.01)

CPC (source: EP)  
**E04C 5/165** (2013.01)

Citation (search report)

- [XAYI] WO 2005035892 A1 20050421 - HITEK CONSTRUCTION AG [CH], et al
- [Y] GB 2337477 A 19991124 - EPOXY POWDER COATING COMPANY L [HK]
- [A] WO 9810158 A1 19980312 - REID CONSTRUCTION SYSTEMS PTY [AU], et al

Cited by  
EP4403717A1

Designated contracting state (EPC)  
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 TR

Designated extension state (EPC)  
AL BA RS

DOCDB simple family (publication)  
**EP 2108759 A2 20091014; EP 2108759 A3 20120509; EP 2108759 B1 20160810**; CA 2661119 A1 20091011; DE 102008018325 A1 20091015; DK 2108759 T3 20160926; PL 2108759 T3 20170228

DOCDB simple family (application)  
**EP 09001737 A 20090207**; CA 2661119 A 20090401; DE 102008018325 A 20080411; DK 09001737 T 20090207; PL 09001737 T 20090207