

Title (en)

Spacing tension member for providing formwork for watertight concrete walls

Title (de)

Abstandsspannungselement zur Bereitstellung von Schalungen für wasserdichte Betonwände

Title (fr)

Élément de tension d'espacement pour fournir un coffrage pour les murs en béton étanches

Publication

EP 2886745 B1 20161116 (EN)

Application

EP 13198212 A 20131218

Priority

EP 13198212 A 20131218

Abstract (en)

[origin: EP2886745A1] A spacing tension member (10) for providing formwork (11), particularly for watertight concrete walls (12), which comprises two opposite traction bars (13, 14), each one of which passes through a corresponding panel (15, 16) of a formwork wall, and to each one of which are coupled by screwing, externally to the panel (15, 16), a tightening plate (17, 18) and, in the space (19) between the two facing internal and external panels (15, 16), a spacer body (20) that is adapted to remain embedded and concealed within the concrete casting (21), the spacer body (20) comprising two opposite bushes (22, 23) for screwing to the ends (24, 25), inside the space (19), of the traction bars (13, 14), the two bushes (22, 23) being mutually rigidly coupled by at least one lateral spacer (26), which is arranged outside the space (30) between the two facing bushes (22, 23), the free portion (27, 28) of each traction bar (13, 14) between the panel (15, 16) and the corresponding facing screw coupling bush (22, 23) being protected from the concrete casting (21) by means of an annular plug (31, 32), which can be removed when the casting has hardened.

IPC 8 full level

E04G 17/065 (2006.01)

CPC (source: EP)

E04G 17/0658 (2013.01)

Cited by

US11591813B2; CN112081376A; CN111809868A; US2020123793A1; US11047143B2; CN109184203A

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 2886745 A1 20150624; EP 2886745 B1 20161116; ES 2631052 T3 20170825

DOCDB simple family (application)

EP 13198212 A 20131218; ES 13198212 T 20131218