

Title (en)
JOINING AND STRESS-SPREADING ELEMENT FOR CONCRETE BUILDING PARTS

Publication
EP 0193494 B1 19881026 (DE)

Application
EP 86810091 A 19860220

Priority
CH 89685 A 19850227

Abstract (en)
[origin: EP0193494A1] 1. Connection and pressure-distribution element for two structural members (2, 3) to be concreted in succession in the same plane on a horizontal support (1) and to be separated from one another by means of an expansion joint (4), having a socket (5) and a mandrel (6) slidably insertable in the socket (5), in each case at least two closed loops (7) made from reinforcing rods, respectively joined fast to the socket (5) and to the mandrel (6), being disposed both about the socket and about the mandrel and spaced from the same, which socket (5) is intended for fastening to a frontal shuttering (8) and for embedding with the loops (7) in the structural member (2) to be concreted first, and the mandrel (6) for inserting into the socket (5) anchored in the first set structural member (2) and for embedding with the loops (7) in the structural member (3) to be concreted later, characterized in that the socket (5) comprises a pipe (9) having at least three webs (10) of equal height disposed symmetrically about the pipe (9) and parallel to its longitudinal axis (x), over which webs at least two steel rings (11) having loops (7) welded-on from outside are pressed on, which pipe (9) bears at one of its ends (9a) a flange (12) running perpendicular to the longitudinal axis (x) of the pipe (9) and at its other end (9b) a vertically adjustable support bar (13) having a lock nut (14), and that a mounting shoe (16) attachable to the frontal shuttering (8) is provided for, which shoe, in the position attached to the frontal shuttering, is intended for receiving the flange (12) of the pipe (9).

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IPC 8 full level
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Cited by
CN109208474A; EP1329563A1; US5911538A; EP0554483A1; EP0786565A1; EP0609783A1; EP0410079A1; FR2711163A1; ES2116855A1; WO2010008309A1; WO2007053907A1; DE102010017046A1; WO2012025106A2

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