

Title (en)
Dowel for connecting concrete panels

Title (de)
Betondübel zur Verbindung von Betonschalen

Title (fr)
Cheville pour la connexion de panneaux en beton

Publication
EP 2241700 B1 20161109 (DE)

Application
EP 10003730 A 20100407

Priority
DE 102009016691 A 20090407

Abstract (en)
[origin: EP2241700A2] The concrete dowel (3) has a metal plate (4) extending transversely through a cavity between an upper concrete shell (1) and a lower concrete shell (2). Openings (5) are arranged on top of each other in the metal plate and form teeth (9, 10) that are aligned against each other. A pressure distribution body (11) is arranged in an area between the teeth. A spiral coil (12) e.g. double-conical spiral coil, is designed as the pressure distribution body. A winding of the spiral coil is mounted on the teeth in a form-fit manner.

IPC 8 full level
E04C 5/18 (2006.01)

CPC (source: EP)
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Designated contracting state (EPC)
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