

Title (en)
Connection of prefabricated concrete elements

Title (de)
Verbindung von Beton-Fertigbauteilen

Title (fr)
Connexion d'éléments préfabriqués en béton

Publication
EP 1426508 A3 20050706 (DE)

Application
EP 03450215 A 20030924

Priority
AT 18132002 A 20021204

Abstract (en)
[origin: EP1426508A2] The structure comprises first (1) and second (2) bar-form prefabricated concrete components each with a longitudinal reinforcement (3,4). A former (5) of especially fireproof concrete is installed between the end faces of the first and second concrete components forming at least one first chamber (51). The first longitudinal reinforcement is non-positively connected to the former, and/or at least one first fastening section (31) of the first reinforcement protrudes from the first end face into the first chamber. The first chamber is filled with a liquid metal and especially termite steel. Independent claims are also included for the following: (a) a bar-form concrete prefabricated component with longitudinal reinforcement; and (b) a procedure for the end face connecting of a first bar-form concrete prefabricated component to a second.

IPC 1-7
E04B 1/21

IPC 8 full level
E04B 1/21 (2006.01); **E04B 5/43** (2006.01); **E04C 3/34** (2006.01)

CPC (source: EP)
E04B 1/215 (2013.01); **E04B 5/43** (2013.01); **E04C 3/34** (2013.01)

Citation (search report)
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• [A] WO 9802625 A1 19980122 - R O ROURKE AND SON LIMITED [GB], et al
• [A] BE 461851 A

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Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PT RO SE SI SK TR

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