

Title (en)

STRUCTURAL MATERIAL AND METHOD OF JOINING THE SAME

Title (de)

STRUKTURELLES MATERIAL UND VERFAHREN ZUM ZUSAMMENFÜGEN

Title (fr)

MATERIAU STRUCTURAL ET SON PROCEDE D'ASSEMBLAGE

Publication

**EP 0982447 A4 20010328 (EN)**

Application

**EP 97920946 A 19970512**

Priority

JP 9701579 W 19970512

Abstract (en)

[origin: EP0982447A1] The structure member comprises a hollow tube made of concrete or a material similar thereto, and two or more structure members (101, 102, 111, 112, 122) each having an irregular portion on an inner surface thereof are faced with one another, then a filler is introduced into the hollow portion of the structure member to be solidified so as to joint the structure members. Reinforcing members (103, 113, 123) etc. are put in the hollow portions of the structure members, or steel frames and bag bodies (106, 115), etc. are fixed by a jointing frame (100) and a filler is introduced therein. It is also possible to joint two or more structure members by way of a jointing member. Workers other than technical workers can easily joint beams and beams, beams and pillars respectively made of concrete and also can construct sonorous buildings. <IMAGE>

IPC 1-7

**E04C 3/20**; **E04B 1/21**; **E04B 5/43**

IPC 8 full level

**E04B 1/21** (2006.01); **E04B 5/43** (2006.01); **E04C 3/20** (2006.01); **E04C 3/34** (2006.01)

CPC (source: EP KR)

**E04B 1/21** (2013.01 - EP); **E04B 5/43** (2013.01 - EP); **E04C 3/20** (2013.01 - EP KR); **E04C 3/34** (2013.01 - EP)

Citation (search report)

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- [A] EP 0218313 A2 19870415 - SHIMIZU CONSTRUCTION CO LTD [JP]
- See references of WO 9851882A1

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