

Title (en)

DEVICE FOR STIFFENING LARGE-SURFACE CONCRETE ELEMENTS, ESPECIALLY FLOORS AND CEILINGS OF MULTISTORY BUILDINGS

Title (de)

VORRICHTUNG ZUR VERSTEIFUNG VON GROSSFLÄCHIGEN BETONELEMENTEN, INSBESONDERE VON BÖDEN UND DECKEN VON MEHRGESCHOSSIGEN GEBÄUDEN

Title (fr)

DISPOSITIF POUR LA RIGIDIFICATION D'ELEMENTS EN BETON DE GRANDE SUPERFICIE, EN PARTICULIER DE SOLS ET DE PLAFONDS DE BATIMENTS A PLUSIEURS ETAGES

Publication

**EP 1086281 B1 20050907 (DE)**

Application

**EP 99927935 A 19990609**

Priority

- DE 19825956 A 19980610
- EP 9903982 W 19990609

Abstract (en)

[origin: WO9964696A1] The invention relates to a hollow body (1) for displacing concrete in concrete buildings. According to the invention, parts (9, 10) of the hollow body are assembled with one another to form the hollow body. Said parts are connected using material, force and/or shaping, or the hollow body is formed by injecting gas from a preform or is formed by an inflatable element, especially a rubber bellow.

IPC 1-7

**E04B 5/38**; **E04B 5/32**

IPC 8 full level

**E04B 5/32** (2006.01); **E04B 5/38** (2006.01)

CPC (source: EP)

**E04B 5/328** (2013.01); **E04B 5/38** (2013.01)

Designated contracting state (EPC)

BE CH DE LI NL

DOCDB simple family (publication)

**WO 9964696 A1 19991216**; AU 4510599 A 19991230; AU 4607199 A 19991230; DE 19981047 D2 20010913; DE 59912529 D1 20051013; EP 1086281 A1 20010328; EP 1086281 B1 20050907; WO 9964693 A1 19991216; WO 9964693 A9 20000210

DOCDB simple family (application)

**EP 9903983 W 19990609**; AU 4510599 A 19990609; AU 4607199 A 19990609; DE 19981047 T 19990609; DE 59912529 T 19990609; EP 9903982 W 19990609; EP 99927935 A 19990609