

Title (en)  
REINFORCING FORMED BODY AND FORMWORK PANEL ELEMENTS MADE USING SAID BODY

Publication  
**EP 0422034 B1 19920318 (DE)**

Application  
**EP 89906545 A 19890619**

Priority  
AT 158488 A 19880620

Abstract (en)  
[origin: WO8912722A1] A reinforcing formed body (1) for a panel-type building element comprises two flat bars (2, 3) of equal width at a distance apart, to which lateral strips are welded at right angles. Parts projecting above the flat bars (2, 3) on either side of the reinforcing formed body allow two formwork panels (7, 10) to be arranged at a distance (a) apart. Two temporary formwork panels (7) of the reinforcing formed body (1) are put together to form a wall formwork element which is secured by fastening elements. The distance (a) ensures that the flat bars (2, 3) are encased in concrete. Fasteners in the form of screws (14) are screwed into the longitudinal bars (2, 3) from the exterior. When used as a ceiling formwork element, the reinforcing formed body (1) is provided with additional reinforcing bars and fastened only to a lower-side formwork panel (7).

IPC 1-7  
**E04B 2/86**

IPC 8 full level  
**E04B 2/84** (2006.01); **E04B 2/86** (2006.01); **E04G 11/00** (2006.01)

CPC (source: EP)  
**E04B 2/8635** (2013.01); **E04B 2/8647** (2013.01)

Citation (examination)  
DE 3542565 A1 19860605 - ASAHI CHEMICAL IND [JP]

Cited by  
CN105443156A

Designated contracting state (EPC)  
AT CH DE FR GB IT LI NL

DOCDB simple family (publication)  
**WO 8912722 A1 19891228**; AU 3777089 A 19900112; EP 0422034 A1 19910417; EP 0422034 B1 19920318; HU 206903 B 19930128; HU 894022 D0 19920428; HU T59989 A 19920728; LV 11201 A 19960420; LV 11201 B 19960820; RU 2053334 C1 19960127

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**AT 8900060 W 19890619**; AU 3777089 A 19890619; EP 89906545 A 19890619; HU 402289 A 19890619; LV 931281 A 19931130; SU 4894283 A 19890619