

Title (en)  
CONCRETE FORM ELEMENT FOR THE CONSTRUCTION IN PERMANENT FORM

Publication  
**EP 0153660 B1 19910502 (DE)**

Application  
**EP 85101553 A 19850213**

Priority  
DE 3405736 A 19840217

Abstract (en)  
[origin: US4655014A] In a formwork assembly for concrete wall structures side wall portions are provided at their edges with grooves and projections engageable therein for securing side wall portions together in a proper position, with the side wall portions being connected by connecting members and possibly end wall portions as required. On their inside surface, each side wall portion has engagement means to which the connecting members can be secured in the appropriate position. The engagement means may be formed by interengaging recesses and raised portions, ball portions and ball-receiving sockets or shallow detent grooves. Adhesive may also be employed for additional strength. The side wall portions may be used as insulating panels for walls, roof and floors.

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

IPC 8 full level  
**E04B 2/86** (2006.01); **E04C 1/40** (2006.01); **E04B 2/02** (2006.01)

CPC (source: EP US)  
**E04B 2/8641** (2013.01 - EP US); **E04C 1/40** (2013.01 - EP US); **E04B 2002/0239** (2013.01 - EP US); **E04B 2002/8676** (2013.01 - EP US)

Cited by  
DE29701219U1; AT388589B; FR2740488A1; EP1705302A3; DE102015207034A1; EP0235843A1; US4949515A; DE102005062156A1; DE4410333A1; ES2275440A1; NL1006452C2; FR2903438A1; FR2710676A1; ITPD20120378A1; WO8704484A1; WO9802627A1; WO9901625A1; WO9806911A1; WO2013093871A1; WO02079584A3; WO8704478A1; WO2007124701A3; WO2014091377A1

Designated contracting state (EPC)  
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DOCDB simple family (publication)  
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**EP 85101553 A 19850213**; AT 85101553 T 19850213; CA 474418 A 19850215; DE 3405736 A 19840217; DE 3582685 T 19850213; PT 7899684 A 19840730; US 70204085 A 19850215