

Title (en)  
SET OF BUILDING ELEMENTS FOR FRAMEWORK STRUCTURES

Publication  
**EP 0393090 B1 19920916 (DE)**

Application  
**EP 88910012 A 19881112**

Priority  
DE 3800547 A 19880112

Abstract (en)  
[origin: WO8906724A1] The slots of assemblage points (3) open into mutually parallel cylindrical chambers (6) and the engaging heads of the bars are shaped as thickenings (8) corresponding to the length of the chambers, and adapted to the cross-section of the chambers, and are arranged on flattened ends (1a, 2a) of the supporting bars (1, 2). The simple assembly so obtained makes it possible to construct a stable framework structure. The new set of building elements is useful for constructing temporary structures, for example for fairs and exhibitions.

IPC 1-7  
**E04B 1/19; E04B 1/58**

IPC 8 full level  
**E04B 1/58** (2006.01); **E04B 1/19** (2006.01); **E04B 2/78** (2006.01); **E04B 2/82** (2006.01); **F16S 3/08** (2006.01)

IPC 8 main group level  
**E04B** (2006.01); **F16S** (2006.01)

CPC (source: EP KR US)  
**E04B 1/19** (2013.01 - KR); **E04B 1/1909** (2013.01 - EP US); **E04B 1/58** (2013.01 - KR); **E04B 1/5843** (2013.01 - EP US);  
**E04B 2001/193** (2013.01 - EP US); **E04B 2001/1966** (2013.01 - EP US); **E04B 2001/1984** (2013.01 - EP US); **E04B 2001/1993** (2013.01 - EP US);  
**Y10T 403/342** (2015.01 - EP US); **Y10T 403/343** (2015.01 - EP US)

Citation (examination)  
DD 98330 A1 19730612

Cited by  
WO9845552A1; DE19714996C2; DE102006059887A1; EP1231340A2

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

DOCDB simple family (publication)  
**WO 8906724 A1 19890727**; AR 247263 A1 19941130; AT E80684 T1 19921015; AU 2781889 A 19890811; AU 607031 B2 19910221;  
BG 60113 B2 19931029; BR 8807418 A 19900515; CA 1314126 C 19930309; CN 1028442 C 19950517; CN 1034601 A 19890809;  
DE 3800547 A1 19890727; DE 3804792 A1 19891102; DE 3874755 D1 19921022; DE 8816884 U1 19910207; DK 164559 B 19920713;  
DK 164559 C 19921130; DK 419189 A 19890825; DK 419189 D0 19890825; EP 0393090 A1 19901024; EP 0393090 B1 19920916;  
ES 2011533 A6 19900116; FI 894243 A0 19890908; FI 92508 B 19940815; FI 92508 C 19941125; GR 1000673 B 19920925;  
HU 209169 B 19940328; HU 886772 D0 19920228; HU T59189 A 19920428; IE 61779 B1 19941130; IE 890061 L 19890712;  
IN 168282 B 19910302; JP H02500457 A 19900215; JP H0718193 B2 19950301; KR 0138523 B1 19980701; KR 900700704 A 19900816;  
NO 170948 B 19920921; NO 170948 C 19921230; NO 893602 D0 19890908; NO 893602 L 19890908; OA 09089 A 19911031;  
RU 1794151 C 19930207; TR 24459 A 19911010; UA 9868 A 19960930; US 4951440 A 19900828; US 5101607 A 19920407

DOCDB simple family (application)  
**EP 8801029 W 19881112**; AR 31295989 A 19890112; AT 88910012 T 19881112; AU 2781889 A 19881112; BG 8969089 A 19890906;  
BR 8807418 A 19881112; CA 587751 A 19890109; CN 88108787 A 19881221; DE 3800547 A 19880112; DE 3804792 A 19880216;  
DE 3874755 T 19881112; DE 8816884 U 19880112; DK 419189 A 19890825; EP 88910012 A 19881112; ES 8900083 A 19890111;  
FI 894243 A 19890908; GR 880100827 A 19881208; HU 677288 A 19881112; IE 6189 A 19890111; IN 249BO1988 A 19880831;  
JP 50921588 A 19881112; KR 890701675 A 19890906; NO 893602 A 19890908; OA 59642 A 19890912; SU 4614898 A 19890911;  
TR 4389 A 19890112; UA 4614898 A 19881112; US 40143589 A 19890912; US 55652990 A 19900724