

Title (en)  
**BALCONY FLOOR**

Publication  
**EP 0370043 B1 19911227 (EN)**

Application  
**EP 88906185 A 19880622**

Priority  
SE 8702776 A 19870706

Abstract (en)  
[origin: WO8900221A1] A balcony floor is made up of a plurality of equally long, horizontal sectional floor elements (1, 2, 3, 4) of steel sheet, which are arranged side by side and welded to each other, and of a horizontal sectional end element (6) of steel sheet which is disposed at each end of the sectional floor elements (1-4), extends at right angles to the sectional floor elements and has a vertical web portion (6a) which engages and is welded to the ends of the sectional floor elements. Each of the intermediate sectional floor elements (2, 3) and one (4) of the outer two sectional floor elements (1, 4) have at the side edge facing the other outer sectional floor element (1), a downwardly bent floor element-stiffening flange (2a, 3a, 4a) forming a recess for receiving a part of the horizontal portion of the adjacent sectional floor element (1, 2, 3) and also serving to stiffen the web portion (6a) of the sectional end element (6). The web portion of one sectional end element supports balcony railing attachments which are located substantially opposite a respective downwardly bent floor element-stiffening flange (2a, 4a).

IPC 1-7  
**E04B 1/00; E04C 2/08**

IPC 8 full level  
**E04B 1/00** (2006.01); **E04C 2/08** (2006.01)

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

CPC (source: EP)  
**E04B 1/003** (2013.01)

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

DOCDB simple family (publication)  
**WO 8900221 A1 19890112**; AT E70875 T1 19920115; DE 3867240 D1 19920206; DK 2690 A 19900105; DK 2690 D0 19900105; EP 0370043 A1 19900530; EP 0370043 B1 19911227; FI 900022 A0 19900103; FI 900022 A 19900103; FI 90682 B 19931130; FI 90682 C 19940310; NO 170643 B 19920803; NO 170643 C 19921111; NO 900026 D0 19900104; NO 900026 L 19900104; SE 456753 B 19881031; SE 8702776 D0 19870706

DOCDB simple family (application)  
**SE 8800344 W 19880622**; AT 88906185 T 19880622; DE 3867240 T 19880622; DK 2690 A 19900105; EP 88906185 A 19880622; FI 900022 A 19900103; NO 900026 A 19900104; SE 8702776 A 19870706