

Title (en)  
Handrail particularly for helicoidal staircases.

Title (de)  
Geländer, insbesondere für schraubenförmige Treppen.

Title (fr)  
Balustrade, notamment pour escaliers hélicoïdaux.

Publication  
**EP 0321593 A1 19890628 (EN)**

Application  
**EP 87118801 A 19871219**

Priority  
EP 87118801 A 19871219

Abstract (en)  
A handrail which, intended to connect the uprights of a spiral staircase, is formed in assembly with a bundle of strips (1,4,8,11,13,16,21,26,35,36,37) with low thickness and simply placed adjacent so as to easily curve them manually according to the helicoid passing through the uprights (2,5,9,12,14,20,25,30,32,34) already fixed to the staircase and the head whereof, shaped according to the transverse profile to be imposed to the bundle which rests thereon, allows the transverse perforation of the handrail and the subsequent fixing to the uprights with coupling means (3,7,10,15,18,23,28) adapted to keep the strips rigidly adjacent.

IPC 1-7  
**B27M 3/12; E04F 11/18**

IPC 8 full level  
**B27M 3/12 (2006.01); E04F 11/18 (2006.01)**

CPC (source: EP)  
**B27M 3/12 (2013.01); E04F 11/1836 (2013.01)**

Citation (search report)  
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Designated contracting state (EPC)  
AT BE CH DE ES FR GB LI NL SE

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**EP 0321593 A1 19890628; EP 0321593 B1 19920304; AT E73193 T1 19920315; DE 3777192 D1 19920409; ES 2030044 T3 19921016**

DOCDB simple family (application)  
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