

Title (en)
Balustrade

Title (de)
Treppengeländer

Title (fr)
Balustrade

Publication
EP 0732463 A3 19980422 (DE)

Application
EP 96101481 A 19960202

Priority
DE 29503265 U 19950227

Abstract (en)
[origin: EP0732463A2] The banisters have the gap between the hand rail (12) and the step (20) covered in part by a panel (22). Openings are provided in the panel to allow bolts (38) to be connected to upper and lower retainers (16,18). The retainers are releasably attached to connecting pieces (28,30) fixed to the hand rail and to the steps. The panel has the shape of a parallelogram whose side edges run in parallel with the hand rail and with the newel post (14).

IPC 1-7
E04F 11/18

IPC 8 full level
E04F 11/18 (2006.01)

CPC (source: EP)
E04F 11/1851 (2013.01)

Citation (search report)

- [PX] DE 29503265 U1 19950614 - TREPPENMEISTER PARTNERGEMEINSCH [DE]
- [A] US 4155540 A 19790522 - HORGAN WILLIAM J JR [US]
- [A] DE 7232224 U
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- [A] FR 2519052 A1 19830701 - BACCELLIERE LUCIANO [IT]
- [A] FR 2082686 A5 19711210 - ROSSET XAVIER, et al
- [E] DE 19508367 A1 19960912 - WINKER PETER [DE]

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EP1504166A4

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

DOCDB simple family (publication)
EP 0732463 A2 19960918; EP 0732463 A3 19980422; EP 0732463 B1 20010516; AT E201248 T1 20010615; DE 29503265 U1 19950614; DE 59606892 D1 20010621

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EP 96101481 A 19960202; AT 96101481 T 19960202; DE 29503265 U 19950227; DE 59606892 T 19960202