

Title (en)

Modular railing with horizontal or inclined rails

Title (de)

Modulaires Geländer mit horizontalen oder geneigten Holmen

Title (fr)

Garde-corps modulaire à lisses horizontales ou inclinées

Publication

EP 0651112 B1 19980325 (FR)

Application

EP 94420289 A 19941024

Priority

FR 9313147 A 19931029

Abstract (en)

[origin: EP0651112A1] The railing comprises balusters or support bars (1) equipped with means (7) of attachment to the ground (6) or to a low wall, these balusters or support bars being connected together at the top of them by a handrail (2) and also, at mid-height, by rails (3, 4, 5). The balusters (1), the handrail (2) and the intermediate rails (3, 4, 5) are formed by tubular sections. The tubular sections which form the balusters (1) have at least one longitudinal channel (10) receiving the means (20) of attachment of the handrail as well as the means (17) of connecting the ends of the rails (3, 4, 5). Closures (13) close off the channels (10) and conceal the means of assembly. <IMAGE>

IPC 1-7

E04F 11/18

IPC 8 full level

E04F 11/18 (2006.01)

CPC (source: EP)

E04F 11/1812 (2013.01); **E04F 11/1834** (2013.01)

Cited by

CN109469404A; CN112796475A; CN113857807A; FR3076312A1; EP1614826A1; ES2187389A1; FR3137696A1; EP2617916A1; FR2985752A1

Designated contracting state (EPC)

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EP 0651112 A1 19950503; **EP 0651112 B1 19980325**; AT E164414 T1 19980415; DE 69409200 D1 19980430; FR 2711702 A1 19950505; FR 2711702 B1 19951201

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EP 94420289 A 19941024; AT 94420289 T 19941024; DE 69409200 T 19941024; FR 9313147 A 19931029