

Title (en)
Platform with railings.

Title (de)
Tribüne mit Geländer.

Title (fr)
Tribune avec garde-fou.

Publication
EP 0402815 B1 19941123 (DE)

Application
EP 90110972 A 19900610

Priority
DE 3919141 A 19890612

Abstract (en)
[origin: EP0402815A1] The grandstand has railing bar elements (111.1, 111.2) which are held on railing supports (110.1, 110.2). For this purpose, the vertical end bars (114.1, 114.2) of the railing bar elements (111.1, 111.2) have railing retaining hooks (115) and connecting heads (80) with wedges (76). The railing retaining hooks (115) are suspended in suspension pockets (123) of railing supports (110.1, 110.2). The connecting heads (80) are placed on apertured tabs (125), protruding laterally from the railing supports (110.1, 110.2), and are secured by wedges (76). Some of the railing supports (110.1, 110.2) have two connecting heads (80), by means of which they are fastened to apertured discs of the supporting structure of the grandstand. They can also have a protruding arm (130) with a downwardly projecting suspension pin (131), by means of which they are suspended in an opening, accessible from above, of the supporting structure. The second fastening then takes place by a connecting head (80) to an apertured disc. <IMAGE>

IPC 1-7
E04H 3/12

IPC 8 full level
E04H 3/12 (2006.01)

CPC (source: EP)
E04H 3/12 (2013.01)

Cited by
FR2754005A1; WO9306323A1

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

DOCDB simple family (publication)
EP 0402815 A1 19901219; EP 0402815 B1 19941123; AT E114352 T1 19941215; DE 3919141 A1 19901213; DE 59007739 D1 19950105; DK 0402815 T3 19950515; ES 2067592 T3 19950401; FI 902926 A0 19900612; FI 96049 B 19960115; FI 96049 C 19960425; NO 179294 B 19960603; NO 179294 C 19960911; NO 902575 D0 19900611; NO 902575 L 19901213; PT 94368 A 19920228; PT 94368 B 19970528

DOCDB simple family (application)
EP 90110972 A 19900610; AT 90110972 T 19900610; DE 3919141 A 19890612; DE 59007739 T 19900610; DK 90110972 T 19900610; ES 90110972 T 19900610; FI 902926 A 19900612; NO 902575 A 19900611; PT 9436890 A 19900612