

Title (en)
GRID BAR FOR SECTIONAL FALSE FLOORS

Publication
EP 0362718 B1 19920226 (DE)

Application
EP 89118121 A 19890929

Priority
DE 3833875 A 19881005

Abstract (en)
[origin: JPH02144459A] PURPOSE: To simplify manufacturing and storage by means of grids of the same form by providing inclined end surfaces on both side walls, and an oblong hole in which tongue pieces or mounting bolts penetrate in the other both side walls, and selectively assembling them with a lower support structure of a raised floor. CONSTITUTION: A raised floor is composed of height-adjustable supports 10, a grid girder 11, and floor plates 12, and two pairs of slits 15 are provided in the form of a cross in a head plate 14 of the support 10. An inclination surface 18 is provided on each side wall of the girder 11 formed of an angular pipe, an oblong hole 21 is provided in an upper side wall 19, and a tongue piece 22 is provided on a lower side wall 20. Next, in connecting the girder 11 to the support 10, the wall 19 or the wall 20 is selectively directed upward, and the surface 18 is inserted into one pair of the slits 15. When the wall 20 is directed upward, the tongue piece 22 is engaged in a hole 16 between the slits 15, and when the wall 19 is directed upward, it is connected by an installation bolt 27. By thus utilizing the girder 11 of the same form, manufacturing and storage of the girder 11 can be easier.

IPC 1-7
E04F 15/024

IPC 8 full level
E04F 15/024 (2006.01)

CPC (source: EP US)
E04F 15/02452 (2013.01 - EP US)

Cited by
EP1903159A1; US8490342B2; WO2008098313A1

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EP 0362718 A1 19900411; EP 0362718 B1 19920226; AT E72864 T1 19920315; CA 1330157 C 19940614; DE 3833875 A1 19900412; DE 3833875 C2 19900816; DE 58900867 D1 19920402; DK 450489 A 19900406; DK 450489 D0 19890913; JP H02144459 A 19900604; PT 91900 A 19900430; PT 91900 B 19950809; US 4982539 A 19910108

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