

Title (en)
Grid and method of assembling thereof

Title (de)
Gitterrost und Verfahren zur Herstellung

Title (fr)
Grille et méthode de production

Publication
EP 1662065 A2 20060531 (EN)

Application
EP 05077661 A 20051123

Priority
NL 1027589 A 20041125

Abstract (en)
A grid (1) comprises an inner grid (2) and a frame element (3) for framing at least a portion of the inner grid (2). The inner grid (2) comprises a series of carriers (21) and a series of fillers (22), wherein the carriers (21) and the fillers (22) cross and are engaged with each other. The frame element (3) is engaged with end portions of the carriers (21) and the fillers (22), and is connected to these end portions by means of a pressed fit. A direction (13) in which the engagement between the frame element (3) and the end portions of the carriers (21) and the fillers (22) has been realized is substantially at a right angle to directions (11, 12) in which the carriers (21) and the fillers (22) are extending. In this way, it is achieved that, in a normal application, the frame element (3) can not become detached from the grid (1), even when a laterally directed force is exerted on the grid (1).

IPC 8 full level
E04C 2/42 (2006.01)

CPC (source: EP)
E04C 2/423 (2013.01)

Citation (applicant)
• DE 1044380 B 19581120 - GOTTLOB KIRCHNER
• GB 1102597 A 19680207 - MARTINUS CATRINUS DE JONGE

Cited by
US8458980B2; WO2012083391A1

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)
EP 1662065 A2 20060531; NL 1027589 C2 20060529

DOCDB simple family (application)
EP 05077661 A 20051123; NL 1027589 A 20041125