Title (en)
A GRID STRUCTURE

Title (de)
GITTERSTRUKTUR

Title (fr)
STRUCTURE DE GRILLAGE

Publication
EP 1056908 A1 20001206 (EN)

Application
EP 99905409 A 19990211

Priority
- SG 9900008 W 19990211
- SG 9800013 W 19980217

Abstract (en)
[origin: WO9941460A1] A grid structure (1) includes a number of cells (2, 3, 4), each non-peripheral cell (4) being spaced apart from and connected to a number of nearest adjacent cells (2, 3, 4) the centers of the cells (2, 3, 4) define a first array of points. The cells (2, 3, 4) define a number of openings and the size of the openings are greater than the size of the cells (2, 3, 4). The centers of the openings define a second array of points. The spacing of the points in the second array is substantially identical to the spacing of the points in the first array. In addition, the peripheral cells (2, 3) in the array comprise coupling means (6, 7) to permit the grid structure (1) to be coupled to a like grid structure (1a). The coupling means (6, 7) comprise a first coupling member (6) on a peripheral cell (3) of the grid structure (1) and a second coupling member (7) on a peripheral cell of the like grid structure. The first and second coupling members (6, 7) are adapted to engage with each other, at least partially within one of the peripheral cells (2, 3), to couple the grid structure (1) to the like grid structure (1a).

IPC 1-7
E02B 3/14

IPC 8 full level
E01C 9/00 (2006.01)

CPC (source: EP)
E01C 9/004 (2013.01); Y02A 30/30 (2017.12)

Citation (search report)
See references of WO 9941460A1

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

DOCDB simple family (publication)
WO 9941460 A1 19990819; AU 2555899 A 19990830; AU 6432098 A 19990830; AU 741860 B2 20011213; EP 1056908 A1 20001206; WO 9941462 A1 19990819

DOCDB simple family (application)
SG 9900008 W 19990211; AU 2555899 A 19990211; AU 6432098 A 19980217; EP 99905409 A 19990211; SG 9800013 W 19980217