

Title (en)
Three-dimensional structure made of grid panels

Title (de)
Dreidimensionale Struktur aus Gitterplatten

Title (fr)
Structure tridimensionnelle plaques constituée de grille

Publication
EP 1205390 A3 20030507 (DE)

Application
EP 01119085 A 20010808

Priority
DE 10055323 A 20001108

Abstract (en)
[origin: DE10055323C1] The structure has a tubular, trough-shaped or box-shaped structure or a structure with a T- or U-shaped cross-section and is formed by plastics grid plates (1) connected together. The grid plates have sleeves to connect with identical or different grid plates. The sleeves are secured by pins (7) with clawed ends. The sleeves are open at both ends and have inner projections or an inner collar. Second connection devices are formed as pins (7), which have claws (10) at their free ends (9) to engage the projections on the sleeves. The pins are formed to fill half of the sleeves, so that two pins can be fitted into the same sleeve from both sides.

IPC 1-7
B65D 6/08; E03F 1/00; A47B 3/00; A47B 47/00; A47C 4/00

IPC 8 full level
B65D 6/08 (2006.01); **E04C 2/42** (2006.01); **E04B 1/61** (2006.01)

CPC (source: EP)
E04C 2/427 (2013.01); **E04B 1/6179** (2013.01)

Citation (search report)

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

DOCDB simple family (publication)
EP 1205390 A2 20020515; **EP 1205390 A3 20030507**; **EP 1205390 B1 20110504**; AT E508059 T1 20110515; DE 10055323 C1 20020117; DE 50115866 D1 20110616; DK 1205390 T3 20110801; PL 200552 B1 20090130; PL 350533 A1 20020520

DOCDB simple family (application)
EP 01119085 A 20010808; AT 01119085 T 20010808; DE 10055323 A 20001108; DE 50115866 T 20010808; DK 01119085 T 20010808; PL 35053301 A 20011106