

Title (en)  
LIGHTWEIGHT CONSTRUCTION

Title (de)  
LEICHTBAU

Title (fr)  
CONSTRUCTION LEGERE

Publication  
**EP 1343365 A1 20030917 (EN)**

Application  
**EP 01957904 A 20010628**

Priority  
• EP 0107438 W 20010628  
• LU 90708 A 20001220

Abstract (en)  
[origin: US2003177718A1] A lightweight construction, especially a greenhouse structure, comprises a plurality of pillars (12) arranged at the periphery of an area of said lightweight construction, said pillars (12) extending obliquely and outwardly so that an upper end (22) of said pillars (12) lies substantially in a vertical plane passing through a respective area border. According to the invention at least one of said pillars (12) comprises a supporting element (14), said supporting element being mounted onto said pillar (12) so as to define a predetermined inclination angle of said pillar (12).

IPC 1-7  
**A01G 9/14**; **E04H 15/18**

IPC 8 full level  
**A01G 9/14** (2006.01); **E04H 15/18** (2006.01)

CPC (source: EP US)  
**A01G 9/14** (2013.01 - EP US); **A01G 9/1407** (2013.01 - EP US); **E04H 15/18** (2013.01 - EP US); **Y02A 40/25** (2017.12 - EP US)

Citation (search report)  
See references of WO 0249417A1

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)  
**US 2003177718 A1 20030925**; AU 7970201 A 20020701; EP 1343365 A1 20030917; LU 90708 B1 20020621; WO 0249417 A1 20020627

DOCDB simple family (application)  
**US 40649003 A 20030404**; AU 7970201 A 20010628; EP 0107438 W 20010628; EP 01957904 A 20010628; LU 90708 A 20001220