

Title (en)  
THREE-DIMENSIONAL LATTICE GIRDER

Publication  
**EP 0027832 B1 19830209 (DE)**

Application  
**EP 79104219 A 19791030**

Priority  
EP 79104219 A 19791030

Abstract (en)  
[origin: EP0027832A1] 1. Three-dimensional lattice girder comprising an upperflange (1) in the form of a sheet metal rail open at the top and having a bottom (2) and side walls (3) for receiving concrete (9), to which side walls (3) there are welded from outside diagonals (4) which connect the upperflange (1) to respective lower flange bars (5), characterised in that the sheet metal rail is provided over its length with projections which are spaced apart both in the longitudinal direction and in the transverse direction of the sheet metal rail and which project into the interior of the sheet metal rail, and that the distance (7) between the upper edges (8) of the sheet metal rail amounts to at least 8 cm, so that a concrete containing aggregate of customary particle size can be introduced into the sheet metal rail.

IPC 1-7  
**E04C 5/065**

IPC 8 full level  
**E04C 5/065** (2006.01)

CPC (source: EP)  
**E04C 5/065** (2013.01)

Cited by  
US4669243A

Designated contracting state (EPC)  
AT BE CH DE FR GB IT LU NL SE

DOCDB simple family (publication)  
**EP 0027832 A1 19810506; EP 0027832 B1 19830209; AT E2453 T1 19830315; DE 2964741 D1 19830317**

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