

Title (en)
Three-dimensional lattice girder.

Title (de)
Räumlicher Gitterträger.

Title (fr)
Poutre en treillis tridimensionnelle.

Publication
EP 0027832 A1 19810506 (DE)

Application
EP 79104219 A 19791030

Priority
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Abstract (en)
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.

Abstract (de)
Räumlicher Gitterträger mit einem Obergurt (1), ausgebildet als nach oben offene Blechschiene mit einem Boden (2) und mit Seitenwänden (3) zur Aufnahme von Beton (9), an deren Seitenwänden (3) von außen Diagonalen (4) angeschweißt sind, die den Obergurt (1) mit jeweils einem Untergurtstab (5) verbinden.

IPC 1-7
E04C 5/065

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E04C 5/065 (2006.01)

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

Citation (search report)
• DE 2427168 C
• CH 391245 A 19650430 - BAUTECHNIK ANSTALT [LI]
• DE 1900767 U 19640917 - WERMAN JACQUES [BE]

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