

Title (en)

Grid-like girder for the support of underground galleries and shafts.

Title (de)

Gitterträger für den Untertag-Strecken- und Schachtausbau.

Title (fr)

Poutre en forme de treillis pour le soutènement de galeries et puits souterrains.

Publication

EP 0073733 A1 19830309 (DE)

Application

EP 82810334 A 19820809

Priority

DE 8125375 U 19810901

Abstract (en)

1. Lattice girder for underground panel lining and shaft lining, with three parallel chord members (1, 2 and 3), which in cross-section form a triangle, being spatially fixed to one another by means of strengthening elements (4), characterised in that each strengthening element (4) consists integrally of a profiled bar bent into two triangles (5 and 6) inclined towards one another and running towards the chords members (1, 2 and 3), and that the corners of the triangles (5 and 6) are welded from the inside to the chord members (1, 2 and 3).

Abstract (de)

Der Gitterträger wird verwendet für den Untertag-Strecken- und Schachtausbau. Er besteht aus drei parallelen Gurtstäben (1, 2, 3), die im Querschnitt ein Dreieck bilden, und die mittels innerer Versteifungselemente (4) räumlich zueinander fixiert sind. Jedes Versteifungselement (4) ist einstückig aus einem mehrfach gebogenen Profilstab geformt. Die Versteifungselemente sind von innen an die Gurtstäbe (1, 2, 3) angeschweisst.

IPC 1-7

E21D 11/18

IPC 8 full level

E21D 11/10 (2006.01); **E21D 11/18** (2006.01)

CPC (source: EP)

E21D 11/107 (2013.01); **E21D 11/18** (2013.01)

Citation (search report)

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