

Title (en)  
LATTICE TRUSS FOR TUNNELLING

Publication  
**EP 0116303 B1 19860723 (DE)**

Application  
**EP 84100336 A 19840113**

Priority  
DE 3304843 A 19830212

Abstract (en)  
[origin: EP0116303A1] 1. Skull-cap-bottom-girder (10) configured as lattice support for the proceeding skull-cap of a tunnel break-out method, which girder is connectable at its one end by means of a connector with a free end of the leading skull-cap-bottom-girder within the propulsion with respect to upright downwardly and laterally directed forces in a bending strength manner, which girder is provided at each end with one support endplate as base of an U-profile piece (13 ; 14) protruding beyond the ends of the latticerods (11a ; 11b) of the support, the arms of the U-profile piece are welded to the lattice-rods, whereas a connecting member (16) rigidly protrudes from one support end vertically over the support endplate and through a passage opening of a tension wedge (19) supported on the backside of the support endplate of an adjacent skull-cap-bottom-girder, characterized in that the connecting member is a connecting plate (16) welded on two girder rods (11a) vertically with respect the direction of the U-profile, which connecting plate is provided symmetrically with respect to the axis of the support with two apertures (17) having an intermediate distance which is less by one apertures diameter than free distance of the arms of the U-profile pieces (13, 14) and that a mounting support (18) protrudes from the support end opposite to the connecting plate (16) and essentially parallel thereto at the opposing end of the U-profile piece (13).

IPC 1-7  
**E21D 11/14**

IPC 8 full level  
**E21D 11/10** (2006.01); **E21D 11/14** (2006.01); **E21D 11/30** (2006.01)

CPC (source: EP)  
**E21D 11/107** (2013.01); **E21D 11/30** (2013.01)

Cited by  
EP2924189A3

Designated contracting state (EPC)  
AT CH FR LI

DOCDB simple family (publication)  
**EP 0116303 A1 19840822**; **EP 0116303 B1 19860723**; AT E20951 T1 19860815; DE 3304843 C1 19840628

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