

Title (en)
SUPPORT STRUCTURE OF A COVER

Title (de)
TRAGSTRUKTUR EINER ABDECKUNG

Title (fr)
STRUCTURE DE SUPPORT D'UN ÉLÉMENT DE RECOUVREMENT

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Application
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Abstract (en)
[origin: WO2015150523A1] The invention relates to a support structure of a cover of a structure capable of being inserted into the ground, for example of a shaft or a channel, wherein the cover (10) comprises a traversable surface (11) and the support structure (20) extends downwards under said cover into the structure and comprises beam-shaped supports (21-23) such that their under support side (24) facing away from the surface (11) experiences a tensile stress when the surface (11) is loaded. The invention is further characterized in that between two areas (A, A') a thickness (D) of the carriers with minimum tensile stress is configured substantially symmetrically in an increasing manner up to a maximum value and then, in turn, in a decreasing manner to form a ball shape when viewing the cover from below.

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