

Title (en)

Cable supported flexible-cover marquee.

Title (de)

Seilgetragene Membranhalle.

Title (fr)

Structure à couverture souple supportée par des câbles.

Publication

EP 0007580 A1 19800206 (DE)

Application

EP 79102543 A 19790719

Priority

DE 2832770 A 19780726

Abstract (en)

1. A rope-suspended diaphragm-type shed (1) with supporting points (P1 ... P18) which are anchored in the surrounding area to circumscribe the cross-sectional configuration of such diaphragm-type shed (1, 20), and with supporting ropes extending between said supporting points (P1 ... P18), which are to support and carry the outer diaphragm skin (10), characterized in that said outer diaphragm skin or shell (10) is formed by and consists of individual diaphragm webs (40, 50, 60, 80) which extend and are tightened between said supporting ropes (2, 24a, 24b), and in that it is secured to the same by means of clamping profiles (90), said diaphragm-type webs for purposes of creating a tension in said outer skin (10), having the shape of either a rectangle or a triangle, with a configuration which is such that, on at least two of the oppositely positioned sides of such webs (40, 40b, 50a, 50b) it has a concave, necked-downs form or has the shape of an equal-sides trapezoid.

Abstract (de)

Bei einer seilgetragenen Membranhalle (1) besteht die Außenhaut (10) aus einzelnen, zwischen den Tragseilen (2) ausgespannten und an diesen durch Klemmprofile (90) befettigten Membranbahnen (40), die zur Erzeugung einer Spannung der Außenhaut (10) die Form eines Rechtecks oder Dreiecks mit an mindestens zwei, einander gegenüberliegenden Bahnseiten konkav taillierten Zuschnitt oder die Form eines gleichschenkeligen Trapezes aufweisen. Durch diesen Aufbau der Außenhaut (10) der Membranhalle (1) aus einzelnen Membranbahnen (40) wird die Gefahr von Scheuerstellen zwischen den Tragseilen (2) und der Außenhaut (10) beseitigt.

IPC 1-7

E04B 1/347; **A45F 1/08**

IPC 8 full level

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CPC (source: EP)

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Citation (search report)

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