

Title (en)

Structure comprising main profiles and auxiliary profiles extending perpendicular thereto

Title (de)

Struktur aus Hauptprofilen und dazu quer liegende Hilfsprofile

Title (fr)

Structure comprenant des profilés principaux et profilés de croisillon

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Application

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Priority

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Abstract (en)

The invention relates to a flat structure, comprising two elongate parallel carriers and metal main profiles extending substantially transversely of the carriers, wherein this measure results in a considerably stronger construction, this being caused mainly by the fact that a load on the structure, in particular a transverse load, is distributed over several main profiles by the auxiliary profiles. Such a structure can hereby be loaded more heavily or it can be given a smaller construction for the same load, which results in lower costs. <IMAGE>

IPC 1-7

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IPC 8 full level

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Citation (search report)

- [XDY] US 5048254 A 19910917 - MERLAU RICHARD A [US]
- [Y] US 2580185 A 19511225 - HAROLD NAGIN
- [A] US 2003014934 A1 20030123 - BODNAR ERNEST R [CA]

Cited by

WO2008102267A1; CN102482874A; CN103711244A; IT201900013119A1; IT201900001041A1; NL2007294C2; CN108824688A; US8683753B2; EP1820917A1; WO2013028072A1; WO2010138007A3; WO2024062041A1; WO2008102269A1

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