

Title (en)

Support and connection profile with reinforcement inlay and method for producing a fibre-reinforced metal profile

Title (de)

Stütz- und Verbindungsprofil mit Verstärkungseinlage sowie Verfahren zur Herstellung eines faserverstärkten Metallprofils

Title (fr)

Profilé porteur et de liaison doté d'un insert de renfort ainsi que procédé de fabrication d'un profil métallique renforcé par des fibres

Publication

EP 2224079 B1 20190522 (DE)

Application

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Priority

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Abstract (en)

[origin: CN101812896A] A supporting profile and connecting profile made of light metal for a self-supporting scaffold is disclosed. The profile is particularly for light construction halls and large tent structures, with at least one reinforcing insert extending in the longitudinal direction of the profile body made of a fiber composite material where in a cross section of the profile body that is perpendicular to the longitudinal direction of the profile body at least one closed chamber is formed, in which the at least one reinforcing insert is fixated by material connection, form-fit and/or force-fit. The invention further relates to a method for producing the fibre-reinforced metal profile, especially for the connection profile as above.

IPC 8 full level

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