

Title (en)

Heddle frame slat.

Title (de)

Schaftstab für einen Webschaft.

Title (fr)

Traverse pour lame de métier à tisser.

Publication

EP 0496054 B1 19950906 (DE)

Application

EP 91119925 A 19911122

Priority

DE 4101512 A 19910119

Abstract (en)

[origin: JPH04300337A] PURPOSE: To provide at a low production cost the subject frame stave which is used for a heald frame, whose rigidity and weight can easily be adjusted by simple means and which has a large sound-attenuating effect. CONSTITUTION: This frame stave includes a supporting bar 1 designed as hollow body and adjoined by a supporting member 2 for a heald carrying rod 3. The supporting bar 1 reaches its bending strength by a massive longitudinal bar of a substantially square cross-section which forms one of the narrow sides. The other narrow side is formed by the leg 5 of an angled supporting member 2 for the heald carrying rod. Two extremely thin walled sheet metal members 6, 7 are mounted preferably by a laser welding to the longitudinal supporting bar 1 and the leg 25 and form the two broad sides. A filler body 10 is located in the hollow inner space of the supporting bar 1 which is for instance in a honey-comb like structure in which a plurality of individual hollow spaces or chambers 11 are formed, which are filled by a sound attenuating material which remains elastic.

IPC 1-7

D03C 9/06

IPC 8 full level

D03C 9/06 (2006.01)

CPC (source: EP KR US)

D03C 9/0625 (2013.01 - EP US); **D03C 15/06** (2013.01 - KR)

Cited by

EP0770722A1; DE19625076A1; DE19625076C2

Designated contracting state (EPC)

BE CH FR GB IT LI

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DE 4101512 C1 19920206; CN 1028121 C 19950405; CN 1063514 A 19920812; EP 0496054 A1 19920729; EP 0496054 B1 19950906; JP H04300337 A 19921023; KR 0162909 B1 19981201; KR 920014966 A 19920826; US 5183082 A 19930202

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