

Title (en)

HEALD FRAME CROSSBAR WITH IMPROVED RIGIDITY FOR WEAVING LOOMS

Title (de)

SCHAFTRAHMENTRAVERSE MIT VERBESSERTER STEIFIGKEIT FÜR WEBMASCHINEN

Title (fr)

BARRE TRANSVERSALE DE CADRE DE LISSES À RIGIDITÉ AMÉLIORÉE POUR MÉTIER À TISSER

Publication

**EP 3748056 B1 20231206 (EN)**

Application

**EP 20177228 A 20200528**

Priority

IT 201900008379 A 20190607

Abstract (en)

[origin: EP3748056A1] Heald frame crossbar for weaving looms consisting of a metal extruded profile which comprises a hollow body (B) ending with an appendix (C) at the inner longitudinal edge of the crossbar (H), said appendix (C) being arranged for attaching healds (L). The crossbar (H) further comprises stiffening elements consisting of bars (1), fixed within cavities formed at least at the outer edge of the hollow body (B), and sheets (2) which coat said bars (1) and at least part of the corresponding outer sides of the hollow body (B) of the crossbar (H). Said stiffening elements are made of composite materials exhibiting a high elastic modulus.

IPC 8 full level

**D03C 9/06** (2006.01)

CPC (source: CN EP)

**D03C 9/0608** (2013.01 - CN); **D03C 9/0633** (2013.01 - EP); **D03C 9/0666** (2013.01 - CN)

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DOCDB simple family (publication)

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**EP 20177228 A 20200528**; CN 202010503110 A 20200605; CN 202021024271 U 20200605; IT 201900008379 A 20190607; JP 2020002113 U 20200603; JP 2020096822 A 20200603; TR 202008471 U 20200602