

Title (en)

Reed dent and reed for air jet weaving loom incorporating such a dent

Title (de)

Webblattzahn und Webblatt für Luftwebmaschinen mit einem solchen Zahn

Title (fr)

Dent de peigne et peigne pour machine à tisser à jet d'air incorporant une telle dent

Publication

EP 1462553 A2 20040929 (FR)

Application

EP 04356042 A 20040326

Priority

FR 0303887 A 20030328

Abstract (en)

The tooth for an air jet loom is made from a plate of a material such as stainless steel, preferably 0.3 - 0.4 mm thick, and has two protuberances (14, 16) on either side of a notch (12) forming part of a channel through which weft yarns and the air driving them can circulate. At least one of the two protuberances is perforated with one or more holes (30) to reduce its weight. The tooth has two ends (20, 22) by which it is connected to other teeth in the comb, and the maximum dimension (d30) of the perforations is less than the width (120, 122) of the tooth ends. The tooth has further perforations in its two branches (24, 26) on either side of a central zone (Z1) containing the notch, and all the perforations are basically circular in shape.

Abstract (fr)

Cette dent (10) de peigne pour machine à tisser à jet d'air est formée dans un matériau en plaque et pourvue, entre deux protubérances (14, 16), d'une encoche (12) de définition d'un canal de circulation de fils de trame et de leur air d'entraînement. L'une au moins des protubérances (14, 16) est pourvue d'au moins une perforation d'allègement (30). <IMAGE>

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IPC 8 full level

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