

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 A3 20050810 (FR)

Application

EP 04356042 A 20040326

Priority

FR 0303887 A 20030328

Abstract (en)

[origin: EP1462553A2] 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.

IPC 1-7

D03D 49/62

IPC 8 full level

D03D 49/62 (2006.01)

CPC (source: EP)

D03D 47/278 (2013.01); **D03D 49/62** (2013.01)

Citation (search report)

- [X] GB 1285962 A 19720816 - STRAKE MASCHF NV [NL]
- [Y] US 4529014 A 19850716 - RAST JOHN L [US], et al
- [Y] US 4457344 A 19840703 - MARTI KURT [CH]
- [A] EP 0691430 A1 19960110 - TOYODA AUTOMATIC LOOM WORKS [JP], et al
- [A] GB 1064960 A 19670412 - FREDERICK GREENWOOD & SONS LTD

Cited by

BE1016547A3

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)

EP 1462553 A2 20040929; **EP 1462553 A3 20050810**; FR 2852975 A1 20041001; FR 2852975 B1 20050909

DOCDB simple family (application)

EP 04356042 A 20040326; FR 0303887 A 20030328