

Title (en)

Manufacturing process of a nozzle for air looms.

Title (de)

Verfahren zur Herstellung einer Düse für Luftwebmaschinen.

Title (fr)

Procédé de fabrication d'une tuyère pour métiers à air.

Publication

EP 0393469 A1 19901024 (EN)

Application

EP 90106798 A 19900409

Priority

IT 2023689 A 19890421

Abstract (en)

The invention concerns a manufacturing method of a secondary nozzle to produce secondary jets in air looms, of the type consisting of a tubular element open at one end and having a gauged hole in correspondence of the opposite end. According to the invention, said method comprises the following steps: - cutting to size a steel rod and finishing its outer surface with centesimal tolerance; - drilling said steel rod with an axial dead hole of gauged dimensions with centesimal tolerance; and - permanently deforming on a die said drilled steel rod, with flattening of at least one part thereof near its closed end and shaping of this end according to an inclined plane, and subsequently forming a gauged hole on said inclined end surface.

IPC 1-7

D03D 47/30

IPC 8 full level

D03D 47/30 (2006.01)

CPC (source: EP)

D03D 47/302 (2013.01)

Citation (search report)

- [A] DE 2740108 A1 19780309 - RUETI AG MASCHF
- [A] EP 0066012 A1 19821208 - PICANOL NV [BE]

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EP 0393469 A1 19901024; EP 0393469 B1 19930922; AT E94921 T1 19931015; DE 69003431 D1 19931028; DE 69003431 T2 19940120; IT 1230003 B 19910920; IT 8920236 A0 19890421

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