

Title (en)
AIR JET LOOM

Publication
EP 0268794 A3 19890517 (DE)

Application
EP 87114750 A 19871009

Priority
• DE 3639867 A 19861121
• DE 3643058 A 19861217

Abstract (en)
[origin: US4794958A] An auxiliary nozzle for an air jet loom is configured as straight tubule closed and tapered blade-like at its free end and moveable with the loom batten into and out of the formed sheds. At least one blow aperture near the closed end of the tubule is provided in the shape of a slot extending essentially transverse to the tubule axis. The slot has a width not exceeding 0.8 mm and lateral walls configured so that the least or critical cross-section is bounded at least on one side by an edge having a thickness not exceeding 0.2 mm. If one edge is provided, it is located on the lower side of the slot toward the air supply and away from the closed end of the tubule. Various aperture configurations are disclosed.

IPC 1-7
D03D 47/30

IPC 8 full level
D03D 47/30 (2006.01)

CPC (source: EP US)
D03D 47/302 (2013.01 - EP US)

Citation (search report)
• DE 3204363 A1 19830811 - GUENNE WEBMASCHF GMBH [DE]
• DE 2937182 A1 19800327 - TOYODA CHUO KENKYUSHO KK [JP], et al
• DE 2522335 B2 19800522
• DE 2119238 B2 19740124

Cited by
EP0541489A1; EP0516587A1

Designated contracting state (EPC)
BE CH DE ES FR GB IT LI LU NL

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DE 3643058 A1 19880630; EP 0268794 A2 19880601; EP 0268794 A3 19890517; US 4794958 A 19890103

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