

Title (en)  
Main nozzle of an air jet loom

Title (de)  
Hauptdüse einer Luftdüsenwebmaschine

Title (fr)  
Buse principale d'un métier à tisser à jet d'air

Publication  
**EP 2778268 B1 20180718 (EN)**

Application  
**EP 14150725 A 20140110**

Priority  
JP 2013052676 A 20130315

Abstract (en)  
[origin: EP2778268A1] A main nozzle (1) for an air jet loom includes a yarn inlet pipe (3) into which a weft yarn (Y) is introduced, a passage forming pipe (4) cooperating with a downstream end of the yarn inlet pipe (3) to form therebetween an air passage (33), a yarn accelerator pipe (5) disposed downstream of the passage forming pipe (4), and a nozzle body (2) to which the yarn inlet pipe (3), the passage forming pipe (4) and the yarn accelerator pipe (5) are mounted. A brush (22) as a weft yarn catcher is disposed between the yarn inlet pipe (3) and the yarn accelerator pipe (5).

IPC 8 full level  
**D03D 47/30** (2006.01)

CPC (source: EP)  
**D03D 47/3013** (2013.01)

Cited by  
EP3342910A1; EP3023525A1; CN105603618A

Designated contracting state (EPC)  
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DOCDB simple family (publication)  
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**EP 14150725 A 20140110**; BR 102014005455 A 20140310; CN 201410094243 A 20140314; JP 2013052676 A 20130315