

Title (en)
NOZZLE BLOCK, PNEUMATIC SPINNING DEVICE, AND SPINNING MACHINE

Title (de)
DÜSENBLOCK, DRUCKLUFTSPINNVORRICHTUNG UND SPINNMASCHINE

Title (fr)
BLOC DE BUSES, FILEUSE PNEUMATIQUE ET MÉTIER À FILER

Publication
EP 3115485 A1 20170111 (EN)

Application
EP 16172580 A 20160602

Priority
JP 2015134968 A 20150706

Abstract (en)
In a nozzle block (60), a first space (64), a second space (66), and a third space (67) are aligned from a first side toward a second side in a predetermined direction. The second space (66) is spread at a second inner surface tapered angle from the first side toward the second side. The third space (67) is spread at a third inner surface tapered angle greater than the second inner surface tapered angle from the first side toward the second side. A height (H1) of the first space (64) is a value greater than or equal to 3 mm and smaller than or equal to 8 mm. A height (H2) of the second space (66) is a value greater than or equal to 30% and smaller than or equal to 50% of a sum of the height (H2) and a height (H3) of the third space (67).

IPC 8 full level
D01H 1/115 (2006.01)

CPC (source: CN EP)
D01H 1/115 (2013.01 - CN EP); **D01H 4/02** (2013.01 - CN)

Citation (applicant)
• JP 2009001935 A 20090108 - MURATA MACHINERY LTD
• JP 2003193339 A 20030709 - MURATA MACHINERY LTD

Citation (search report)
• [XYI] JP 2003193337 A 20030709 - MURATA MACHINERY LTD
• [IY] EP 2453044 A2 20120516 - MURATA MACHINERY LTD [JP]
• [I] CN 101294319 A 20081029 - UNIV DONGHUA [CN]
• [Y] US 2012192541 A1 20120802 - ARTZT PETER [DE], et al

Cited by
EP3744880A1; EP4043625A1; DE102019114500A1; CN112011858A

Designated contracting state (EPC)
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