

Title (en)
WEFT YARN TENSIONING DEVICE

Title (de)
SCHUSSFADENSPIANNVORRICHTUNG

Title (fr)
DISPOSITIF POUR TENDRE UN FIL DE TRAME

Publication
EP 3936649 B1 20230614 (EN)

Application
EP 21181047 A 20210623

Priority
JP 2020116908 A 20200707

Abstract (en)
[origin: EP3936649A1] A weft yarn tensioning device (40) of an air jet loom in which a weft yarn (23) is inserted along a weft yarn guide passage (11) formed in a reed (10). The weft yarn tensioning device (40) includes a weft yarn travel passage (50) extending along the weft yarn guide passage (11), a first air discharge member (63) configured to discharge an air in a direction along the weft yarn travel passage (50), a second air discharge member (74) configured to discharge the air in a direction different from the direction along the weft yarn travel passage (50). The first air discharge member (63) discharges the air to introduce the weft yarn (23) into the weft yarn travel passage (50), and the second air discharge member (74) discharges the air to the weft yarn (23) in the weft yarn travel passage (50).

IPC 8 full level
D03D 47/30 (2006.01)

CPC (source: CN EP)
D03D 47/278 (2013.01 - CN); **D03D 47/308** (2013.01 - EP)

Designated contracting state (EPC)
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EP 3936649 A1 20220112; EP 3936649 B1 20230614; CN 113913999 A 20220111; CN 113913999 B 20221004; JP 2022014545 A 20220120

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