

Title (en)
AUXILIARY NOZZLE FOR A WEAVING MACHINE

Title (de)
HILFSDÜSE FÜR EINE WEBMASCHINE

Title (fr)
BUSE AUXILIAIRE POUR MÉTIER À TISSER

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Application
EP 16707792 A 20160303

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Abstract (en)
[origin: WO2016142273A1] Weaving machine, method and auxiliary nozzle for supporting a weft thread (1, 2), which comprises a hollow needle (11), wherein the hollow needle (11) comprises a tip (12), an outflow opening (13) for an air jet (7) and a side wall (14), wherein the outflow opening (13) is arranged to direct the air jet (7) to a weft insertion channel (4), wherein the outflow opening (13) is composed of a plurality of elementary apertures (15) formed having straight lateral surfaces (17) and wherein the elementary apertures (15) are formed by laser cutting in the side wall (14) and are arranged in a tessellation pattern for maximizing the total flow-through section of the outflow opening (13).

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CPC (source: CN EP)
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Citation (search report)
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