

Title (en)

A SYSTEM AND A METHOD FOR IN-LINE TREATMENT OF ONE OR MORE THREADS FOR USE WITH THREAD CONSUMING DEVICE

Title (de)

SYSTEM UND VERFAHREN ZUR IN-LINE-BEHANDLUNG EINES ODER MEHRERER FÄDEN ZUR VERWENDUNG MIT EINER FADENVERBRAUCHENDEN VORRICHTUNG

Title (fr)

SYSTÈME ET PROCÉDÉ DE TRAITEMENT EN LIGNE D'UN OU PLUSIEURS FILS À UTILISER AVEC UN DISPOSITIF CONSOMMATEUR DE FIL

Publication

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Application

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Priority

- SE 1851097 A 20180915
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Abstract (en)

[origin: WO2020055300A1] A system (10) for in-line treatment of one or more threads (20a-b) for use with a thread consuming device (15) is provided. The system comprises a treatment unit (100) having a plurality of nozzles (152a-f) being distributed in at least a first and a second dispensing zone (154a-b), the dispensing zones (154a-b) being separated in a direction being perpendicular to the longitudinal direction of the at least one thread (20a-b), said thread (20a-b) being in motion in use, each nozzle (152a-f) being configured to dispense one or more coating substances at least onto the at least one thread (20a-b) when activated, and a control unit (190) being configured to control activation of each dispensing zone (154a-b) of nozzles (152a-f) independently. A method is further provided.

IPC 8 full level

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CPC (source: EP IL KR SE US)

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Citation (search report)

- [X] WO 0136732 A2 20010525 - TTM SERVICES LTD, et al
- [X] JP 2006299462 A 20061102 - GIFU PREFECTURE
- [X] US 6134924 A 20001024 - ENDERLIN ROBERT [FR], et al
- See also references of WO 2020055300A1

Designated contracting state (EPC)

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SE 2019050794 W 20190827; AR P190102576 A 20190910; AU 2019337356 A 20190827; CA 3112827 A 20190827; CN 201980060411 A 20190827; EP 19859030 A 20190827; IL 28138621 A 20210310; JP 2021513903 A 20190827; KR 20217011147 A 20190827; SE 1851097 A 20180915; TW 108132812 A 20190911; US 201917275768 A 20190827; ZA 202102275 A 20210406