

Title (en)

NOZZLE FOR A HOT-DIP COATING SYSTEM AND METHOD FOR OPERATING SAME

Title (de)

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Title (fr)

TROMPE POUR UNE INSTALLATION DE REVÊTEMENT PAR IMMERSION À CHAUD AINSI QUE SON PROCÉDÉ DE FONCTIONNEMENT

Publication

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Application

EP 17751018 A 20170612

Priority

EP 2017064289 W 20170612

Abstract (en)

[origin: WO2018228661A1] The invention relates to a nozzle (9) for a hot-dip coating system for a flat product (11), said nozzle extending from the outlet of a continuous furnace (10) into a melt (13) below the coating bath level (12) and isolating the flat product (11) from the surroundings. At least one suction unit (3) and a blowing unit (1) are provided, and the at least one suction unit (3) is arranged between the at least one blowing unit (1) and the coating bath level (12). The invention is characterized in that a pressure equalizing unit (7) is arranged between the blowing unit (1) and the outlet of the continuous furnace (10), and a first pressure sensor (14.1) is provided at the outlet of the continuous furnace (10) and a second pressure sensor (14.2) is provided between the coating bath level (12) and the pressure equalizing unit (7).

IPC 8 full level

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Cited by

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