

Title (en)  
ATOMIZATION PLANT

Title (de)  
ZERSTÄUBUNGSANLAGE

Title (fr)  
INSTALLATION D'ATOMISATION

Publication  
**EP 3781297 A2 20210224 (EN)**

Application  
**EP 19766346 A 20190416**

Priority  
• IT 201800004768 A 20180420  
• IB 2019000273 W 20190416

Abstract (en)  
[origin: WO2019202384A2] The subject of the invention is an atomization plant for liquid or slurry solutions, of the type including an atomization tower (1) which is fed at the top with a flow of hot air and is provided at the bottom, with a supply manifold (3) placed above a collection bottom (2), tapered downwards and kept under pressure in order to supply a liquid solution or slurry to a plurality of nozzles (4). The nozzles eject the liquid solution or slurry transformed into small drops, which are struck in counter-flow in the hot air flow. The plant includes a device designed to adjust the flow rate of the fluid (5) supplied to the nozzles (4), which are supplied by means of a device for adjusting the flow rate (7, 8, 25) that is servo controlled by an actuator (9). The actuator is controlled by a system for controlling the plant.

IPC 8 full level  
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Citation (search report)  
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