

Title (en)  
DISPERSION NOZZLE WITH VARIABLE THROUGHPUT

Title (de)  
DISPERGIERDÜSE MIT VARIABLEM DURCHSATZ

Title (fr)  
BUSE DE DISPERSION A DEBIT VARIABLE

Publication  
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Application  
**EP 00947926 A 20000704**

Priority  
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• EP 0006277 W 20000704

Abstract (en)  
[origin: DE19933440A1] The invention relates to a dispersion nozzle with a variable throughput, in particular, with a continuously variable throughput and to a paint installation, consisting of the same. The dispersion device is based on the principle of a jet disperser and comprises at least one inlet (13) for the material to be dispersed (12), a chamber (3) containing a large number of orifices (4, 4') or slots (16, 16') which are arranged in rows along the chamber wall and which open into an outlet chamber (14) and an outlet (15) for the finished dispersion material. A piston (5) is displaceably mounted in the chamber (3) which, depending on its position in said chamber (3), either partially or completely blocks off a certain number of the orifices (4, 4') or slots (16, 16') from the throughput of the dispersion material (12).

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