

Title (en)  
POWDER PUMP WITH VACUUM FILLING

Title (de)  
PULVERPUMPE MIT VAKUUMFÜLLUNG

Title (fr)  
POMPE A POUDRE AVEC REMPLISSAGE PAR DEPRESSION

Publication  
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Application  
**EP 07786134 A 20070718**

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Abstract (en)  
[origin: WO2008014886A1] A powder supply system for a powder-coating installation, especially a parts painting installation using electrostatic powder, according to the invention, comprises a tank (2) designed to contain the powder, means (4, 5, 6) for feeding powder into the tank (2), means (15, 14) for injecting compressed air into the bottom of the tank (2) in order to fluidize the powder, and an exit pipe (8) in which the powder is entrained by the air from the tank (2), this pipe (8) being connected to at least one powder using device situated at a distance, in particular a spray gun (9). The system also includes means (16, 17, 18, 19) for reducing the pressure in the tank (2) below that of the feed means (4, 5, 6) in order to fill the tank (2) with powder.

IPC 8 full level  
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