

Title (en)  
Cylinder unit for a coating system and method of use

Title (de)  
Zylindereinheit für eine Beschichtungsanlage und Dosierverfahren unter Verwendung dieser Einheit

Title (fr)  
Cylindre pour un système de revêtement et méthode d'utilisation

Publication  
**EP 1252936 A3 20040922 (DE)**

Application  
**EP 02007051 A 20020327**

Priority  
DE 10115465 A 20010329

Abstract (en)  
[origin: DE10115465A1] The cylinder unit for a coating installation has a piston (2) displaceable in a cylinder (1), separating cylinder spaces (11,11') on opposite sides of it. The piston has two axially spaced lips (4,4') with which it locates in a sealed manner on the cylinder inner wall. The lip facing the first cylinder space provides a pressure-proof seal against a medium in that space. The second lip (4') provides a pressure-proof seal against the second cylinder space (11'). In the space (11') on one side of the cylinder a controlled feed fluid is conducted, which presses out the coating fluid on the other side through a cylinder outlet (8).

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IPC 8 full level  
**B05B 5/16** (2006.01); **B05B 9/04** (2006.01); **B05B 15/02** (2006.01)

CPC (source: EP)  
**B05B 5/16** (2013.01); **B05B 5/1675** (2013.01); **B05B 9/0413** (2013.01); **B05B 15/55** (2018.02)

Citation (search report)  
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