

Title (en)  
Pretreatment installation for the pretreatment by spraying

Title (de)  
Vorbehandlungsanlage zur Sprüh-Vorbehandlung

Title (fr)  
Installation de prétraitement pour le prétraitement par pulvérisation

Publication  
**EP 1179371 B1 20040114 (DE)**

Application  
**EP 01111734 A 20010515**

Priority  
DE 10033616 A 20000711

Abstract (en)  
[origin: DE10033616A1] The system has a number of different objects and holding devices on a transport device and fed to a succession of spray pre-treatment devices with treatment medium collection basins immediately adjacent to each other and a separating device near the edges of adjacent basins that can be moved to free the transport path. A spray nozzle arrangement integrated into the separating elements can be removed and lowered with the separating elements. The system has a number of different objects (7) and holding devices (6) arranged on a transport device and fed to a succession of spray pre-treatment devices with collection basins (1) for the treatment medium arranged immediately adjacent to each other and a separating device (15) near the edges of adjacent basins that can be moved away to free the transport path. A spray nozzle arrangement is integrated into the separating elements and can be removed and lowered with the separating elements.

IPC 1-7  
**B05B 15/12**; **B05B 1/14**

IPC 8 full level  
**B05B 1/14** (2006.01); **B05B 15/12** (2006.01); **B05B 16/00** (2018.01); **B05B 16/20** (2018.01); **B05B 16/40** (2018.01)

CPC (source: EP)  
**B05B 1/14** (2013.01); **B05B 16/20** (2018.01); **B05B 16/40** (2018.01); **B05B 16/90** (2018.01)

Cited by  
CN108284031A; CN103174832A; ITBG20130001A1; EP2774694A1

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DOCDB simple family (publication)  
**EP 1179371 A2 20020213**; **EP 1179371 A3 20021009**; **EP 1179371 B1 20040114**; AT E257748 T1 20040115; DE 10033616 A1 20020124; DE 50101314 D1 20040219; DK 1179371 T3 20040419; TR 200400478 T4 20040421

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