

Title (en)  
Booth for treating workpieces by spraying

Title (de)  
Kabine zur Spritzbehandlung von Werkstücken

Title (fr)  
Cabine de traitement de pièces par pulvérisation

Publication  
**EP 0723817 B1 20010418 (FR)**

Application  
**EP 96450001 A 19960125**

Priority  
FR 9501181 A 19950126

Abstract (en)  
[origin: EP0723817A1] Part (36) of the curved rear cabin wall (16), actuator-operated (43), swings aside on pivoted (38) support arms (40). One arm (60) of the carousel (12), carrying the next workpiece on a turntable (62), enters the cabin as the hub (58) rotates on a vertical axis, just outside. Reclosing the rear, the operator sprays glazing enamel through a front opening (48), using a piston applicator and rotating the workpiece by engaging a belt drive within the arm (60). Further workpieces are meantime mounted on following turntables. Inclined air-curtains (50, 52) protect the operator. Air circulation (56) facilitates the deposition of excess fluid, which runs down the walls into a basin for re-use. Corner fittings (46) contain extraction vents and lighting.

IPC 1-7  
**B05B 13/02**; **B05B 15/12**

IPC 8 full level  
**B05B 12/18** (2018.01); **B05B 13/02** (2006.01); **B05B 15/12** (2006.01); **B05B 16/60** (2018.01)

CPC (source: EP)  
**B05B 12/18** (2018.01); **B05B 13/0228** (2013.01); **B05B 13/0242** (2013.01); **B05B 16/60** (2018.01); **B28B 11/048** (2013.01)

Cited by  
CN107694859A; CN115056329A; CN112264230A; CN102892515A; CN111805715A; CN104028402A; CN116273644A; CN115256609A; US7399362B2; WO2012016637A1

Designated contracting state (EPC)  
CH DE ES GB IT LI PT

DOCDB simple family (publication)  
**EP 0723817 A1 19960731**; **EP 0723817 B1 20010418**; DE 69612519 D1 20010523; FR 2729871 A1 19960802; FR 2729871 B1 19970425

DOCDB simple family (application)  
**EP 96450001 A 19960125**; DE 69612519 T 19960125; FR 9501181 A 19950126