

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