

Title (en)

A floor structure for abrasive blasting cabinets.

Title (de)

Boden für Sandstrahlkammern.

Title (fr)

Plancher pour chambres de sablage.

Publication

EP 0010431 A1 19800430 (EN)

Application

EP 79302249 A 19791017

Priority

GB 7841246 A 19781019

Abstract (en)

A pneumatic recovery floor for recovering particles from an enclosure has a floor plate (7, 8; 28) provided with apertures (12, 16; 37), spaced above a base plate (3; 19; 24), and substantially the whole of the intervening space between the floor plate and base plate forms a pneumatic conveying duct for removing particles which fall through the apertures in the floor plate. To provide a uniform air flow in the conveying duct the base plate may descend in steps or may slope downwards the air outlet, and/or the width of the duct may increase towards the air outlet. To provide uniform air flow over the floor area and uniform entry into the duct the apertures may increase in spacing or decrease in size towards the air outlet end of the duct. The apertures may be in recesses in the floor plate, or more than one floor plate may be provided with coincident apertures, the apertures in the upper plate or plates being larger than those below.

IPC 1-7

B24C 9/00

IPC 8 full level

B24C 9/00 (2006.01)

CPC (source: EP)

B24C 9/003 (2013.01)

Citation (search report)

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Designated contracting state (EPC)

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