

Title (en)

APPARATUS FOR COATING THE WELD SEAM OF A CAN BODY WITH A POWDER

Publication

EP 0210949 B1 19890503 (DE)

Application

EP 86810249 A 19860609

Priority

- CH 316585 A 19850722
- CH 375785 A 19850831

Abstract (en)

[origin: EP0210949A1] 1. Apparatus for extracting powder by suction in a system (5) for coating the weld seam (24) of a can body (4) with a layer of powder, comprising a spray head (6), which comes to lie in the interior of the can body (4), as spray chamber (11) and a powder feedpipe (13), which terminates in the spray chamber (11), and a suction pipe (14), which terminates in the spray chamber (11), an electrode (25), which is connected to a source of high-voltage (10), and an extraction device (7), which is disposed opposite the spray head (6), externally thereof, above a spray aperture (12) in the spray chamber (11), characterized in that the powder feedpipe discharges into the spray chamber at the bottom of the spray chamber (11) opposite the spray aperture (12) and in that the extraction device (7) has a tubular mouthpiece (17), which is disposed directly opposite the mouth of the powder pipe (13) leading into the spray chamber (11) and substantially in the axis (A) of the powder jet (16) emerging from the powder pipe (13).

IPC 1-7

B05B 5/08; **B05D 1/06**

IPC 8 full level

B05B 5/12 (2006.01); **B05D 1/32** (2006.01)

CPC (source: EP)

B05B 5/12 (2013.01); **B05D 1/06** (2013.01); **B05D 7/22** (2013.01); **B05D 2202/00** (2013.01)

Designated contracting state (EPC)

AT CH DE FR GB IT LI

DOCDB simple family (publication)

EP 0210949 A1 19870204; **EP 0210949 B1 19890503**; DE 3663115 D1 19890608

DOCDB simple family (application)

EP 86810249 A 19860609; DE 3663115 T 19860609