

Title (en)

DOOR FOR CLOSING THE COATING PAN OF A MACHINE FOR COATING CORES

Title (de)

TÜR ZUM SCHLIESSEN DER AUFTRAGWANNE EINER MASCHINE ZUR KERNBESCHICHTUNG

Title (fr)

PORTE DE FERMETURE DE TURBINE D'ENROBAGE D'UNE MACHINE D'ENROBAGE DE NOYAUX

Publication

EP 1909953 A1 20080416 (EN)

Application

EP 06795059 A 20060629

Priority

- IB 2006001789 W 20060629
- IT BO20050436 A 20050630

Abstract (en)

[origin: WO2007004015A1] The door in accordance with the present invention is designed for closing a machine (100) for coating cores such as food or pharmaceutical tablets, comprising: a containment box (2) ; a rotary container or "coating pan" (10) positioned inside the box (2) and designed to contain a mass of cores (1) to be coated and having an inlet mouth (11) leading to the outside of the box (2) ; a fixed supporting structure (20) , designed to rotatably support the coating pan (10) ; motor parts (30) , designed to drive the rotation of the coating pan (10) with predetermined speeds and timed operation; applicator parts (40) , designed to apply a coating product on the mass of articles (1) ; a drying device (50) , designed convey into/out of the coating pan (10) air at a predetermined temperature and pressure. The door (12) is connected to the box (2) and designed to removably block the inlet mouth (H) . The door (12) comprises a fixed portion (13) , having openings (131, 132, 133) respectively for allowing the entry into the coating pan (10) of the applicator parts (40) , the drying device (50) and a duct (4) for feeding air into the coating pan (10) . The door (12) also comprises a mobile portion (14) , complementing the fixed portion (13) and able to open independently of the latter.

IPC 8 full level

B01J 2/14 (2006.01)

CPC (source: EP)

A23G 3/0095 (2013.01); **A23G 3/26** (2013.01); **B01J 2/14** (2013.01); **A61J 3/005** (2013.01)

Citation (search report)

See references of WO 2007004015A1

Citation (examination)

WO 2007004016 A2 20070111 - G S DIVISIONE VERNICIATURA S R [IT], et al

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

Designated extension state (EPC)

AL BA HR MK RS

DOCDB simple family (publication)

WO 2007004015 A1 20070111; EP 1909953 A1 20080416; IT BO20050436 A1 20070101

DOCDB simple family (application)

IB 2006001789 W 20060629; EP 06795059 A 20060629; IT BO20050436 A 20050630