

Title (en)

Spin-coating apparatus for preparing optical discs

Title (de)

Vorrichtung zur Schleuderbeschichtung zur Beschichtung von optischen Speicherplatten

Title (fr)

Appareil de revêtement par centrifugation pour le revêtement de disques optiques

Publication

EP 0920920 A2 19990609 (EN)

Application

EP 98309940 A 19981204

Priority

JP 35240697 A 19971204

Abstract (en)

A spin-coating apparatus (10) for preparing optical discs (1) is composed of an applying device equipped with a nozzle (12) having a pointed end for giving a coating liquid onto a disc substrate (1), a rotatable spinner head (13) for keeping the substrate (1) horizontally, a round guard wall (15) provided around the spinner head (13) which has an opening (16) on its top and keeps the applied coating liquid within the guard wall (15), and an air exhaust system (18), wherein the nozzle (12) has a surface of polytetrafluoroethylene at least at the pointed end and on an inside and outside walls following the pointed end at a length of 1 mm or more. <IMAGE>

IPC 1-7

B05C 11/08

IPC 8 full level

B05D 1/40 (2006.01); **B05C 11/08** (2006.01); **G11B 7/26** (2006.01)

CPC (source: EP)

B05C 11/08 (2013.01)

Designated contracting state (EPC)

DE GB

DOCDB simple family (publication)

EP 0920920 A2 19990609; **EP 0920920 A3 20001227**; **EP 0920920 B1 20030507**; DE 69814315 D1 20030612; DE 69814315 T2 20040122; JP H11165115 A 19990622

DOCDB simple family (application)

EP 98309940 A 19981204; DE 69814315 T 19981204; JP 35240697 A 19971204