

Title (en)

DEVICE FOR THE VOLUMETRIC DOSING OF A POWDER AND FOR THE INTRODUCTION OF PREDETERMINED DOSES OF IT INTO OBJECTS

Publication

EP 0147270 A3 19850828 (FR)

Application

EP 84402339 A 19841116

Priority

FR 8321004 A 19831229

Abstract (en)

[origin: US4628971A] Apparatus for the volumetric dispensing of powder and introducing the same in predetermined doses into hollow objects. A drum is mounted for continuous rotation around the vertical axis of a shaft. An annular channel for the reception of powder is disposed about the drum coaxially thereof, the drum carrying a plurality of stations for the reception of hollow objects so as to position the objects vertically with their open ends upwardly. Between the annular channel and each article receiving station, by means of purely mechanical mechanisms, there are provided and controlled a powder retaining probe of the type which can be subjected to sub-atmospheric pressure, carried in a moveable manner upon the drum. The volumetric powder dose determining and dispensing apparatus of the invention is particularly adapted for the handling of explosive powder.

IPC 1-7

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IPC 8 full level

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CPC (source: EP US)

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Citation (search report)

- [A] FR 2124751 A5 19720922 - PERRY IND INC
- [A] US 3150697 A 19640929 - RISSE IVAN H

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Designated contracting state (EPC)

CH DE GB IT LI

DOCDB simple family (publication)

EP 0147270 A2 19850703; **EP 0147270 A3 19850828**; **EP 0147270 B1 19870923**; DE 3466370 D1 19871029; FR 2557538 A1 19850705; FR 2557538 B1 19860523; US 4628971 A 19861216

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