

Title (en)

PROCESS AND DEVICE FOR PRODUCING PASTILLES.

Title (de)

VERFAHREN UND VORRICHTUNG ZUR HERSTELLUNG VON PASTILLEN.

Title (fr)

PROCEDE ET DISPOSITIF POUR LA PREPARATION DE PASTILLES.

Publication

EP 0375750 A1 19900704 (DE)

Application

EP 89904541 A 19890406

Priority

DE 3813756 A 19880423

Abstract (en)

[origin: US5013498A] PCT No. PCT/EP89/00369 Sec. 371 Date Dec. 26, 1989 Sec. 102(e) Date Dec. 26, 1989 PCT Filed Apr. 6, 1989 PCT Pub. No. WO89/10187 PCT Pub. Date Nov. 2, 1989. Pastilles are formed by passing small quantities of a viscous material through small openings and onto a moving conveyor surface located therebeneath. The viscous material is contacted by the conveyor surface after the material protrudes from the openings, but before the material becomes sufficiently large to break free and fall. Instead, the conveyor surface forcefully extracts the material from the openings, thereby resulting in the formation of pastilles which are of smaller size than would have been the case had the material been allowed to break free and fall on its own accord.

Abstract (fr)

Des dispositifs connus avec deux tubes qui tournent l'un dans l'autre sont pourvus d'orifices qui coïncident cycliquement et permettent de former des gouttes à partir de la matière amenée dans le tube intérieur sous forme de fluide. Les gouttes ainsi formées durcissent ensuite sur une bande de refroidissement sur laquelle elles tombent. La taille des pastilles est limitée par le fait que des gouttes doivent être formées. On propose donc de supprimer la formation de gouttes et de retirer la matière immédiatement à la sortie des orifices (3) des corps rotatifs (1) par contact avec la bande (5). Ceci permet d'obtenir des micropastilles de dimensions nettement réduites.

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