

Title (en)

Device for applying a viscous product, in particular mascara.

Title (de)

Vorrichtung zum Auftragen eines zähflüssiges Produktes, insbesondere Mascara.

Title (fr)

Dispositif applicateur d'un produit thixotrope, notamment d'un mascara.

Publication

EP 0485247 B1 19940316 (FR)

Application

EP 91402674 A 19911008

Priority

FR 9013850 A 19901108

Abstract (en)

[origin: EP0485247A1] This device comprises a reservoir (2) of viscous product, a cap (31) and a rod (27) ending in a brush (29) which penetrates into the reservoir (2) via an orifice whose edge forms a drying zone (16), an insertion shaft (10) being advantageously arranged at the entry of the reservoir (2). Inside the latter is attached a helical spring (18) whose axis is substantially coincident with the axis of the zone (16), the said spring (18) being located at least in the vicinity of the drying member (9) and its internal diameter being smaller than the largest external diameter of the brush (28). When the latter passes inside the spring (18) filled with product, it is unloaded and reloaded as it passes the turns of the spring and it agitates the product whose thixotropy it disrupts. At the exit from the drying member (9), a ready-to-apply product is available whose texture is uniform and more fluid and which is satisfactorily distributed, without caking. <IMAGE>

IPC 1-7

A45D 40/26

IPC 8 full level

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CPC (source: EP US)

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Cited by

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EP 0485247 A1 19920513; **EP 0485247 B1 19940316**; CA 2054893 A1 19920509; CA 2054893 C 20010925; DE 69101424 D1 19940421; DE 69101424 T2 19941020; ES 2050041 T3 19940501; FR 2668903 A1 19920515; FR 2668903 B1 19930212; JP 3273257 B2 20020408; JP H04269904 A 19920925; US 5180241 A 19930119

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