

Title (en)  
Spraying device comprising a sonotrode

Title (de)  
Versprühvorrichtung, die eine Sonotrode umfasst

Title (fr)  
Dispositif de pulvérisation comportant une sonotrode

Publication  
**EP 2090378 A2 20090819 (FR)**

Application  
**EP 09152090 A 20090204**

Priority  
FR 0850927 A 20080213

Abstract (en)  
The device (1) has aluminum sonotrode i.e. acoustic amplifier, with an end collar defining an ejection surface (4) that ejects particles of a cosmetic or dermatologic product e.g. face or body lotion. The collar is bent under the vibration effect of the sonotrode, where thickness of the collar is between 0.4 millimeter to 0.6 millimeter. The end collar has a circular contour, and a protective cover is articulated on a body of a case (2) between a lowered position and raised position. The sonotrode has a product supply channel with a narrow portion that is opened on the ejection surface.

Abstract (fr)  
La présente invention concerne Dispositif de pulvérisation d'un produit cosmétique, comportant une sonotrode, cette sonotrode comportant une collerette d'extrémité définissant une surface d'éjection (4) de particules de produit, la collerette étant apte à fléchir sous l'effet des vibrations de la sonotrode, l'épaisseur de la collerette étant comprise entre 0,4 mm et 0,6 mm.

IPC 8 full level  
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CPC (source: EP US)  
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Citation (applicant)

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