

Title (en)
DEVICE FOR AEROSOL PRODUCTION

Title (de)
VORRICHTUNG ZUR AEROSOLERZEUGUNG

Title (fr)
DISPOSITIF DE PRODUCTION D'AEROSOL

Publication
EP 0946305 B1 20030402 (DE)

Application
EP 97953853 A 19971218

Priority
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• EP 9707118 W 19971218

Abstract (en)
[origin: DE19654321A1] An apparatus for aerosol creation in particular in a cooling, lubricating apparatus for tools or work piece comprises an injector apparatus to which a carrier gas and a fluid may be supplied. At an outlet (23) of the injector apparatus, a gas jet (25) with fluid droplets therein exits that is directed onto a deflection body (13) with a structured surface and that streams along same. The deflection body can, for example, be formed by a cone or a truncated cone with a step-shaped shell (coating surface). In order to be able to vary the particle size, the distance between the deflection body and the outlet of the injector apparatus can be variable.

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B05B 1/26; **B05B 7/00**; **B05B 15/04**

IPC 8 full level
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CPC (source: EP KR)
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