

Title (en)

Air-assisted ultrasonic atomizer

Title (de)

Luftunterstützter Ultraschallzerstäuber

Title (fr)

Atomiseur à ultrasons assisté par air

Publication

**EP 1508382 B1 20060524 (EN)**

Application

**EP 03447215 A 20030820**

Priority

EP 03447215 A 20030820

Abstract (en)

[origin: EP1508382A1] The present invention is related to a method for atomising a liquid, comprising the steps of providing an ultrasonic atomiser comprising a mechanical amplifier (2) having a free end that constitutes an atomising surface (4), and a liquid feeding channel (7) supplying liquid to said atomising surface (4), fixing said ultrasonic atomiser in a case (5) by means of a fixing strap (6) provided with gas passages (10), said case (5) not being in contact with said mechanical amplifier (2), inducing an gas flow around said ultrasonic atomiser directed towards a series of holes in said atomising surface (4), and atomising liquid on said atomising surface (4). <IMAGE>

IPC 8 full level

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CPC (source: EP)

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Cited by

US8746586B2; US8430338B2; EP2090187A1; US8556191B2; EP2090378A2

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