

Title (en)
Liquid atomizer

Title (de)
Flüssigkeitszerstäuber

Title (fr)
Atomiseur de liquides

Publication
EP 1916037 B1 20121114 (EN)

Application
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Priority
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Abstract (en)
[origin: EP1916037A2] The present invention provides a liquid atomizer (20) for atomizing liquid and applied in an atomizing device (100) having an accommodating space (12) and a through hole (13). The liquid atomizer (20) includes a vibrating element (30) having a first hole (31) corresponding to the through hole (13); a spray plate (40) having a plurality of spraying holes (41) corresponding to the first hole (31) and being connected with the vibrating element (30); and a structure element (50) having a second hole (51) corresponding to the plurality of spraying holes (41) of the spray plate (40) and being connected with the spray plate (40) so that the spray plate (40) is disposed between the vibrating element (30) and the structure element (50). The vibrating element (30), the spray plate (40) and the structure element (50) are assembled in the accommodating space (12) of the atomizing device (100). Liquids are atomized via the spraying holes (41) of the spray plate (40).

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