

Title (en)
COMPRESSED-AIR ATOMIZER NOZZLE

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Application
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Priority
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Abstract (en)
[origin: US4828181A] Air-pressure-atomizers for liquids, whereby pressurized air and oil are first mixed in one chamber in the atomizer body of the atomizer and the mixture is discharged through an opening in the form of a spray jet. According to the invention, the spinner body (2, 3, 4, 7) of the atomizer (1) has a central dosing bore for oil (3, 4) and near the end of said bore (3) there is centrally symmetrically located a target impact disc or pin (6). The pin extends into a cavity (5) in the direction of the central bore (3). Air supply bores (slots) (7) tangentially open into the cavity (5) in the direction of the space between the dosing bore (3) and the target pin (6). At the other side of the cavity there is at least one outlet opening (8) present for discharging the mixture.

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Cited by
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