

Title (en)
Nozzle assembly.

Title (de)
Düsenkonstruktion.

Title (fr)
Assemblage d'ajutage.

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Application
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Abstract (en)
The invention relates to a nozzle assembly used to spray a liquid, for example oil, for cooling a reciprocating piston in an engine. Heretofore, the spray pattern has been undesirably divergent and this has proven to be a problem when spraying a long distance. The present nozzle assembly (10) maintains a substantially columnar spray pattern by having an inlet portion (40) defining an opening (46), and an outlet portion (42) defining a first passage (62) for communicating a first liquid flow from the opening (46) outwardly thereof at a first velocity, and a plurality of passages (66) for communicating a second liquid flow from the opening (46) outwardly thereof at a second velocity less than the first velocity.

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CPC (source: EP)
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