

Title (en)
NOZZLE ASSEMBLY

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Application
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Priority
US 8100092 W 19810123

Abstract (en)
[origin: EP0057790A1] 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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Cited by
US5056718A; CN111120065A; DE29518911U1; EP0825335A1; GB2212074A; GB2212074B; US7152808B2

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