

Title (en)
ROTARY NOZZLE

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EP 0314629 A3 19900328 (FR)

Application
EP 88810735 A 19881026

Priority
• CH 311788 A 19880822
• CH 418287 A 19871026

Abstract (en)
[origin: EP0314629A2] Rotary nozzle for distributing a pressurized fluid in a duct, comprising a body of a cylindrical general shape (1) fixed at the end of a pipe (5) for supplying the liquid, and a piece (2) mounted in rotation on a sleeve (3) integral with a plug (4) screwed into the cylindrical body (1). The piece (2) comprises outlets (22) which rotate it when the fluid passes through, these outlets opening internally into an annular recess (21) interacting, furthermore, with at least one passage (33) to the internal channel, which passage is inclined radially with respect to this channel so as to create the circulation of the fluid in the opposite direction to the movement of the rotary piece. <IMAGE>

IPC 1-7
B05B 3/06

IPC 8 full level
B05B 3/06 (2006.01)

CPC (source: EP)
B05B 3/06 (2013.01)

Citation (search report)
• [X] GB 859125 A 19610118 - LAMY D ETUDES ET DE RECH S SOL
• [AD] EP 0077562 B1 19860402
• [A] US 3125297 A 19640317
• [A] DE 1165945 B 19640319 - HAMMELMANN PAUL FA
• [A] FR 2404474 A1 19790427 - NORDON & CIE SA [FR]
• [A] DE 3428133 A1 19860213 - SCHUBERT WERNER

Cited by
DE102013009708B4; US5141158A; CN107755112A; DE102013009708A1; US8544768B2; US9067220B2; DE102013009967A1; US11344930B2

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