

Title (en)
VARIABLE AREA MIXING NOZZLE

Publication
EP 0142424 B1 19870715 (FR)

Application
EP 84402165 A 19841029

Priority
FR 8317869 A 19831110

Abstract (en)
[origin: US4586873A] A mixer-ejector with jet effect incorporates inductor nozzles opening into a venturi profile conduit having in succession a highly convergent suction sleeve, a coupling wall and a diffuser. The coupling wall is a variable-profile venturi part, consisting of a hollow sleeve made of a distortable elastic material in a casing with leaktight sealing and incorporates means for introducing a fluid into the enclosure formed by the sleeve and the casing.

IPC 1-7
F04F 5/48

IPC 8 full level
F04F 5/48 (2006.01)

CPC (source: EP US)
F04F 5/48 (2013.01 - EP US)

Cited by
FR2632688A1; EP2333350A1; CN102072209A; EP3517856A1; US8596990B2; US10760838B2; US11378313B2

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