

Title (en)

CONTROLLING DEVICE FOR THE SUPPLY OF A RADIAL TURBINE, AND TURBINE PROVIDED WITH SUCH A DEVICE

Publication

EP 0240381 B1 19890524 (FR)

Application

EP 87400395 A 19870223

Priority

FR 8602814 A 19860228

Abstract (en)

[origin: US4776757A] The turbine comprises orientable vanes or flaps (10b, 10a) respectively forming the distributor and a movable part of the volute of the turbine. These vanes are disposed in such manner that (a) the intrados (15) of one thereof directs the fluid which travels thereover in a path which is no longer in contact with the other, (b) the extrados (14b) of one of the vanes is travelled over by a fluid current which feeds the other vane and (c) the extrados (14a) of the other of the vanes is travelled over by a fluid current entering directly into the turbine only between its shaft (11a) and its trailing edge (13a). The turbine has application in the supercharging of engines of motor vehicles.

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IPC 8 full level

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CPC (source: EP US)

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