

Title (en)
DIFFUSOR

Title (de)
DIFFUSOR

Title (fr)
DIFFUSEUR

Publication
EP 1012482 A1 20000628 (EN)

Application
EP 98943139 A 19980904

Priority
• SE 9801565 W 19980904
• SE 9703217 A 19970908

Abstract (en)
[origin: WO9913230A1] A diffusor or nozzle comprises a cross section-wise endless wall (5), which widens from an inlet (6) for arriving fluid to an outlet (9) for outgoing fluid. At least a distance upstream the inlet (6), the wall (7) which is passed by the arriving fluid has a relief-like surface structure (10) constructed with projections and alternating countersinks, having the purpose of bringing about small turbulent movements of the component parts of the fluid which pass in the immediate vicinity of said wall (7) so as to counteract separation of fluid from the widening diffusor wall (5).

IPC 1-7
F15D 1/12

IPC 8 full level
F15D 1/12 (2006.01)

CPC (source: EP)
F15D 1/12 (2013.01)

Citation (search report)
See references of WO 9913230A1

Designated contracting state (EPC)
DE FR

DOCDB simple family (publication)
WO 9913230 A1 19990318; AU 9099798 A 19990329; EP 1012482 A1 20000628; SE 509215 C2 19981221; SE 9703217 D0 19970908; SE 9703217 L 19981221

DOCDB simple family (application)
SE 9801565 W 19980904; AU 9099798 A 19980904; EP 98943139 A 19980904; SE 9703217 A 19970908