

Title (en)
DIFFUSER ARRANGEMENT

Title (de)
DIFFUSORANORDNUNG

Title (fr)
DISPOSITIF DIFFUSEUR

Publication
EP 2140112 A1 20100106 (DE)

Application
EP 08717072 A 20080225

Priority
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Abstract (en)
[origin: EP1970539A1] The arrangement (1) has a flow acceleration device with a flow guiding device (9) that extends within an outer diffuser (2). The flow acceleration device forms a manifold (11) with its outer surface (10) facing an inner surface (8) of the outer diffuser, and a section of the inner surface of the outer diffuser, where a portion of a boundary layer flow formed on the inner surface of the outer diffuser is acceleratable in a main flow direction in such a manner that a flow separation is stopped on the inner surface of the outer diffuser.

IPC 8 full level
F01D 9/02 (2006.01); **F01D 25/30** (2006.01); **F15D 1/06** (2006.01)

CPC (source: EP US)
F01D 9/02 (2013.01 - EP US); **F01D 25/30** (2013.01 - EP US); **F15D 1/0005** (2013.01 - EP US); **F15D 1/0025** (2013.01 - EP US); **F15D 1/06** (2013.01 - EP US); **F05D 2220/31** (2013.01 - EP US); **F05D 2220/32** (2013.01 - EP US); **F05D 2250/232** (2013.01 - EP US); **F05D 2250/292** (2013.01 - EP US); **F05D 2250/323** (2013.01 - EP US)

Citation (search report)
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