

Title (en)
SECONDARY FLOW RECTIFIER WITH INTEGRATED PIPE

Title (de)
NEBENSTROMRICHTER MIT INTEGRIERTEM ROHR

Title (fr)
REDRESSEUR DE FLUX SECONDAIRE A TUYERE INTEGREE

Publication
EP 3938626 A2 20220119 (FR)

Application
EP 20725890 A 20200312

Priority
• FR 1902662 A 20190315
• FR 2020050524 W 20200312

Abstract (en)
[origin: CA3130189A1] The invention relates to an assembly for a turbomachine extending along an axis (X) and comprising: - a ferrule (32) designed to define a fan duct (5) of a gas stream of the turbomachine, - a fan casing (2) radially surrounding the ferrule (32) and defining with the ferrule (32) the fan duct (5), - a rectifier (6) comprising a plurality of vanes (7) comprising a first vane (7a) and a second vane (7b) adjacent to the first vane (7a), the vanes defining between them a converging flow channel (13) designed to direct and accelerate the stream by means of an inlet section (14a) included in a plane non-perpendicular to the axis of the turbomachine and an outlet section included in a plane (14b) perpendicular to the axis (X) of the turbomachine, the first vane (7a) and the second vane (7b) each having an unducted downstream portion which forms a trailing edge.

IPC 8 full level
F01D 9/04 (2006.01)

CPC (source: EP US)
F01D 9/041 (2013.01 - EP US); **F05D 2240/125** (2013.01 - EP)

Citation (search report)
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