

Title (en)
TURBOGAS SYSTEM MULTISTAGE COMPRESSOR

Title (de)
MEHRSTUFIGER TURBOGASSYSTEMVERDICHTER

Title (fr)
COMPRESSEUR MULTI-ÉTAGÉ DE SYSTÈME À TURBINE À GAZ

Publication
EP 2126367 A1 20091202 (EN)

Application
EP 07706234 A 20070117

Priority
IT 2007000035 W 20070117

Abstract (en)
[origin: WO2008087670A1] A turbogas system multistage compressor (1) extends along a longitudinal axis (A), and has an inlet (4), and an outlet diffuser (5), between which are located in succession a first stage (10), a number of intermediate stages (11), and a final stage (12); the final stage (12) has an array of fixed blades (15a) on which an airflow impinges; and the fixed blades are substantially equally spaced about the axis (A) of the compressor (1), and are designed to produce a deflection, substantially ranging between approximately 15° and 30°, of the airflow impinging on the fixed blades (15a).

IPC 8 full level
F04D 29/54 (2006.01)

CPC (source: EP)
F04D 29/544 (2013.01)

Citation (search report)
See references of WO 2008087670A1

Cited by
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