

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  
CN114962342A

Designated contracting state (EPC)  
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)  
**WO 2008087670 A1 20080724**; EP 2126367 A1 20091202; EP 2126367 B1 20140312; PL 2126367 T3 20140731

DOCDB simple family (application)  
**IT 2007000035 W 20070117**; EP 07706234 A 20070117; PL 07706234 T 20070117