

Title (en)  
TURBOCHARGER WITH A CLEANING DEVICE

Title (de)  
TURBOLADER MIT EINER REINIGUNGSVORRICHTUNG

Title (fr)  
TURBOCOMPRESSEUR COMPRENANT UN DISPOSITIF DE NETTOYAGE

Publication  
**EP 1687512 B1 20160928 (DE)**

Application  
**EP 04797254 A 20041119**

Priority  
• CH 2004000697 W 20041119  
• DE 10355105 A 20031124

Abstract (en)  
[origin: WO2005049972A1] The invention relates to a cleaning device for the nozzle ring and the rotating blades of the axial turbine of a turbo-compressor. Said cleaning device comprises a rod-shaped nozzle (3) protruding into the flow channel (2). The cleaning product is injected with the flow through the injection openings (31) aligned downstream in the direction of the nozzle ring and the turbine blades. The tubular nozzle can be easily inserted through an opening in the gas inlet housing in the flow channel.

IPC 8 full level  
**F01D 25/00** (2006.01); **B05B 1/20** (2006.01); **F02B 77/04** (2006.01)

CPC (source: EP)  
**F01D 25/002** (2013.01); **F05D 2220/40** (2013.01)

Designated contracting state (EPC)  
DE GB

DOCDB simple family (publication)  
**DE 10355105 A1 20050602**; EP 1687512 A1 20060809; EP 1687512 B1 20160928; JP 2007533899 A 20071122; WO 2005049972 A1 20050602

DOCDB simple family (application)  
**DE 10355105 A 20031124**; CH 2004000697 W 20041119; EP 04797254 A 20041119; JP 2006540132 A 20041119