

Title (en)
COMPRESSOR AND CORRESPONDING GAS TURBINE

Title (de)
VERDICHTER UND ZUGEHÖRIGE GASTURBINE

Title (fr)
COMPRESSEUR ET TURBINE À GAZ ASSOCIÉE

Publication
EP 2591213 A2 20130515 (DE)

Application
EP 11732418 A 20110707

Priority
• EP 10007062 A 20100708
• EP 2011061486 W 20110707
• EP 11732418 A 20110707

Abstract (en)
[origin: EP2405104A1] The compressor (10) has a housing radially defining an annular flow channel (36). Guide vanes of a vane ring are held in the housing in a rotatably supported manner and extended through the channel. Each guide vane includes housing-sided and rotor-sided pivots (26) extending through the housing and projecting into an inner ring (32). The inner ring is formed as a split ring with two opposite ends, and comprises a spring element for bracing the split ring. The opposite ends of the split ring include recesses in which the spring element lies.

IPC 8 full level
F01D 17/16 (2006.01); **F04D 29/56** (2006.01)

CPC (source: EP US)
F01D 9/041 (2013.01 - US); **F01D 17/162** (2013.01 - EP US); **F04D 29/563** (2013.01 - EP US)

Citation (search report)
See references of WO 2012004336A2

Cited by
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Designated contracting state (EPC)
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