

Title (en)  
VARIABLE GEOMETRY TURBOCHARGER

Title (de)  
TURBOLADER MIT VARIABLER GEOMETRIE

Title (fr)  
TURBOCOMPRESSEUR À GÉOMÉTRIE VARIABLE

Publication  
**EP 2541017 A1 20130102 (EN)**

Application  
**EP 11747057 A 20110224**

Priority  
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Abstract (en)  
An exhaust nozzle 9 has nozzle vanes 15 interposed between front and rear exhaust introduction walls 10 and 51. A space 19 is between the wall 51 and a turbine housing 1. A sealing device 25 is arranged upstream, in a direction of exhaust gas, of each through hole 24 provided in the wall 51 for penetration of a vane shaft 16a to prevent exhaust gas in a scroll passage 8 from leaking through the space 19 to a turbine impeller 4. Each of the walls 10 and 51 is disk-shaped, the turbine housing 1 being formed with a shoulder 50 to which the wall 51 is fitted with the space 19.

IPC 8 full level  
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CPC (source: EP KR US)  
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