

Title (en)  
NOZZLE RING FOR A TURBOCHARGER

Title (de)  
DÜSENRING FÜR EINEN ABGASTURBOLADER

Title (fr)  
COURONNE DIRECTRICE POUR UN TURBOCOMPRESSEUR À GAZ D'ÉCHAPPEMENT

Publication  
**EP 3610135 A1 20200219 (DE)**

Application  
**EP 18718134 A 20180412**

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Abstract (en)  
[origin: WO2018189319A1] The invention relates to a nozzle ring (10) for a radial turbine. The nozzle ring comprises a rotationally symmetrical disc-shaped main part (11) with a central opening (12) for the passage of a shaft (20). The nozzle ring further comprises guide vanes (14) which are arranged in a radially outer region of the main part (11) in the circumferential direction and are designed so as to guide exhaust gases towards guide vanes (31) of a turbine wheel (30). The main part (11) of the nozzle ring is designed to form a heat shield between a bearing chamber (40) of a bearing housing (41) and a turbine chamber (50) in the assembled state.

IPC 8 full level  
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Citation (search report)  
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