

Title (en)  
FAN HAVING A STEP DIFFUSER

Title (de)  
VENTILATOR MIT EINEM SPRUNGDIFFUSOR

Title (fr)  
VENTILATEUR DOTÉ D'UN DIFFUSEUR ÉTAGÉ

Publication  
**EP 4278093 A1 20231122 (DE)**

Application  
**EP 22850712 A 20221222**

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• DE 2022200313 W 20221222

Abstract (en)  
[origin: WO2023134823A1] The invention relates to a fan, in particular an axial or diagonal fan, comprising a housing and an impeller arranged therein and driven by an electric motor and having vanes extending between a hub ring and a cover ring, wherein a step diffuser is formed in the form of an abrupt expansion of the flow cross-section in the direction of flow downstream of the impeller and after exiting the region of the cover ring.

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See references of WO 2023134823A1

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