

Title (en)  
Propeller nozzle

Title (de)  
Propellerdüse

Title (fr)  
Tuyère d'hélice

Publication  
**EP 2570341 B1 20161228 (DE)**

Application  
**EP 12184282 A 20120913**

Priority  
DE 102011053619 A 20110914

Abstract (en)  
[origin: EP2570341A1] The propeller nozzle (100) has a nozzle (10) and a propeller (20) with multiple propeller blades (22). A flow guiding unit is provided for directing a portion of the flow edge on the propeller surface, and is arranged in the immediate vicinity of a gap, particularly in the direction of flow in front of the gap. The flow guiding unit is formed circumferentially in the circumferential direction of the nozzle, and has a recovery in the inner wall of the nozzle. The recovery is formed as depression (15) in the inner wall of the nozzle.

IPC 8 full level  
**B63H 5/14** (2006.01)

CPC (source: EP KR US)  
**B63H 5/14** (2013.01 - KR US); **B63H 5/15** (2013.01 - EP); **F01D 25/00** (2013.01 - US)

Designated contracting state (EPC)  
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DOCDB simple family (publication)  
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