

Title (en)  
TURBOPUMP INDUCER AND TURBOPUMP

Title (de)  
TURBOPUMPENINDUKTOR UND TURBOPUMPE

Title (fr)  
INDUCTEUR POUR TURBOPOMPE ET TURBOPOMPE

Publication  
**EP 3507498 A1 20190710 (FR)**

Application  
**EP 17771802 A 20170830**

Priority  
• FR 1658128 A 20160901  
• FR 2017052302 W 20170830

Abstract (en)  
[origin: WO2018042123A1] A turbopump inducer for stabilising the cavitation pockets occurring at the blades of the inducer, the inducer having a plurality of blades (10) disposed between an inner housing and an outer housing, each blade (10) having a lower surface and an upper surface (20), the upper surface (20) of at least one blade (10) having a cut-out portion extending substantially from the leading edge (22) of the blade (10) to a step surface (26) provided on the upper surface (20).

IPC 8 full level  
**F04D 1/00** (2006.01); **F04D 3/02** (2006.01); **F04D 29/18** (2006.01); **F04D 29/22** (2006.01); **F04D 29/24** (2006.01); **F04D 29/66** (2006.01)

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Citation (search report)  
See references of WO 2018042123A1

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