

Title (en)  
CENTRIFUGAL FAN IMPELLER

Title (de)  
ZENTRIFUGALGEBLÄSELAUFRAD

Title (fr)  
HÉLICE DE VENTILATEUR CENTRIFUGE

Publication  
**EP 3406910 B1 20191016 (EN)**

Application  
**EP 17741322 A 20170113**

Priority  
• JP 2016007181 A 20160118  
• JP 2017001105 W 20170113

Abstract (en)  
[origin: EP3406910A1] A shroud (80) has: a curved plate-like shroud curved plate portion (81); and flat plate-like shroud flat plate portions (82) corresponding to just parts of sections of the shroud (80) that oppose shroud-side blade axial end portions (72). In the blade axial end portions (72) are formed blade flat surfaces (72a) that follow the shroud flat plate portions (82) and blade curved surfaces (72b, 72c) that follow the shroud curved plate portion (81). Welded portions (8b) resulting from the blade flat surfaces (72a) and the shroud flat plate portions (82) being welded to each other are formed between the blade axial end portions (72) and the shroud (80).

IPC 8 full level  
**F04D 29/28** (2006.01); **F04D 29/30** (2006.01); **F04D 29/66** (2006.01)

CPC (source: EP)  
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