

Title (en)
Turbomachine blade

Title (de)
Schaufelblatt für Strömungsmaschinen

Title (fr)
Aube pour une turbomachine

Publication
EP 0798447 A3 19980805 (DE)

Application
EP 97104465 A 19970315

Priority
• DE 19612394 A 19960328
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Abstract (en)
[origin: EP0798447A2] The turbine blades (6-13) in the ring duct between the outside of the turbine and the inner drive unit have improved profiles to reduce turbulence and hence reduce drag. The blade profile is thicker near to one wall of the duct and extends into the duct with reducing profile. The blade contouring is applied to both the movable blades and the fixed blades. The thickening is more pronounced at the rear of the blade and the blade is curved more at the thicker profile.

IPC 1-7
F01D 5/14

IPC 8 full level
F01D 5/14 (2006.01); **F04D 29/54** (2006.01); **F04D 29/68** (2006.01)

CPC (source: EP)
F01D 5/145 (2013.01)

Citation (search report)
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