

Title (en)
TURBOMACHINERY AND METHOD OF MANUFACTURING THE SAME

Title (de)
TURBOMASCHINE UND IHR HERSTELLUNGSVERFAHREN

Title (fr)
TURBOMACHINES ET LEUR PROCEDE DE FABRICATION

Publication
EP 0865577 A1 19980923 (EN)

Application
EP 95940361 A 19951207

Priority
• CA 2218692 A 19951207
• GB 9502904 W 19951207

Abstract (en)
[origin: WO9721035A1] An impeller (6) in a turbomachinery has blades (3) designed such that reduced static pressure difference DELTA Cp between the hub (2) and the shroud (4) on the suction surface (3c) of the blade (3) shows a remarkably decreasing tendency near the impeller exit (6b) as it approaches the impeller exit (6b) between the impeller inlet (6a) and the impeller exit (6b).

IPC 1-7
F04D 29/28

IPC 8 full level
F04D 29/22 (2006.01); **F04D 29/28** (2006.01); **F04D 29/68** (2006.01)

CPC (source: EP)
F04D 29/2205 (2013.01); **F04D 29/284** (2013.01); **F04D 29/681** (2013.01)

Citation (search report)
See references of WO 9721035A1

Cited by
US10962021B2; EP1715117A2; EP4033047A1; DE102021101419A1

Designated contracting state (EPC)
CH DE DK FR GB IT LI NL SE

DOCDB simple family (publication)
WO 9721035 A1 19970612; CA 2218692 A1 19970612; CA 2218692 C 20080212; EP 0865577 A1 19980923; EP 0865577 B1 20020703

DOCDB simple family (application)
GB 9502904 W 19951207; CA 2218692 A 19951207; EP 95940361 A 19951207