

Title (en)

A FLUID DEFLECTING ARRANGEMENT

Publication

EP 0067884 B1 19860416 (EN)

Application

EP 82900133 A 19811221

Priority

- JP 5736381 A 19810415
- JP 18303580 A 19801223
- JP 18642280 A 19801225

Abstract (en)

[origin: EP0067884A1] A flow direction control device (11) for controlling the direction of the air flow from a cross flow fan (12). Roughly circular arc-shaped control blades (27) are disposed with the cross flow fan, the low pressure vortex of the fan is restricted within the control blades, and the direction of the air flow can be controlled over a wide angle around the entire periphery of the fan with a compact construction in accordance with the rotation of the control blades (27). Also, with respect to the external region of the fan divided into two regions by partition members (46), (47), conversion between the normal and reverse flow directions can be achieved based upon this principle by rotating the control blades (27).

IPC 1-7

F04D 17/04

IPC 8 full level

F04D 17/04 (2006.01)

CPC (source: EP)

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Citation (examination)

- JP S5216417 Y2 19770413
- JP S4217237 Y1 19671004
- JP S5267010 A 19770603 - ROOYARU DENKI KK

Cited by

AT401411B; EP1764510A1; EP0233174A1

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EP 0067884 A1 19821229; EP 0067884 A4 19830516; EP 0067884 B1 19860416; AU 550478 B2 19860320; AU 7937182 A 19820720; CA 1207725 A 19860715; WO 8202228 A1 19820708

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EP 82900133 A 19811221; AU 7937182 A 19811221; CA 392946 A 19811222; JP 8100400 W 19811221