

Title (en)
RAIN DEFLECTING DIFFUSER COWLING

Publication
EP 0528345 A3 19930519 (DE)

Application
EP 92113728 A 19920812

Priority
DE 4127247 A 19910817

Abstract (en)
[origin: EP0528345A2] In a rain-deflecting diffuser cowling, in particular for outgoing-air lines, a hub discharge core (2%) is held on the inside in an outwardly expanded diffuser casing (1). The diffuser casing (1) is formed at its upper opening as an upwardly narrowing blow-out mouthpiece (6) which, in association with the hub discharge core (2%), forms an annular blow-out nozzle (5). In order to improve the flow conditions in this rain-deflecting diffuser cowling and in particular to avoid blow-back of the outgoing air from the lower region by rain run-off pipes (18) arranged there, the hub discharge core (2%) is shaped cylindrically above a hemispherical cap (10). <IMAGE>

IPC 1-7
F23L 17/14; **F23L 17/02**

IPC 8 full level
F23L 17/02 (2006.01); **F23L 17/14** (2006.01)

CPC (source: EP)
F23L 17/02 (2013.01); **F23L 17/14** (2013.01)

Citation (search report)
• [A] US 1638698 A 19270809 - ARTHUR MILLER
• [AD] DE 742942 C 19431215 - BERNHARD REBHUHN
• [AD] DE 3442588 A1 19860522 - BRINKMANN HEINRICH ANLAGENVERP [DE]

Cited by
WO2006001768A1

Designated contracting state (EPC)
AT CH FR GB IT LI SE

DOCDB simple family (publication)
EP 0528345 A2 19930224; **EP 0528345 A3 19930519**; **EP 0528345 B1 19950426**; AT E121829 T1 19950515; DE 4127247 A1 19930218; DE 4127247 C2 19950223

DOCDB simple family (application)
EP 92113728 A 19920812; AT 92113728 T 19920812; DE 4127247 A 19910817