

Title (en)
Fan case liner

Title (de)
Bläsergehäuse

Title (fr)
Boitier pour une soufflante

Publication
EP 0922837 B1 20050810 (EN)

Application
EP 98309221 A 19981111

Priority
US 96751997 A 19971111

Abstract (en)
[origin: EP0922837A2] A fan containment case assembly (30) of a gas turbine engine (10) includes a hardened fan case liner (42) disposed therein. In the event of a fan blade loss condition, the hardened fan case liner allows for circumferential movement of the fan blade tips (38) around the fan case (48). Thus, the liner reduces the destructive cutting away of the fan case, minimizing damage to the fan case and decreasing torque loading of the fan case from rotor deflections. The liner is preferably formed from overlapping shingles 52. <IMAGE>

IPC 1-7
F01D 21/04; **F01D 25/24**

IPC 8 full level
F01D 11/08 (2006.01); **F01D 25/24** (2006.01)

CPC (source: EP)
F01D 25/24 (2013.01)

Cited by
EP1503043A3; GB2422407A; GB2422407B; US9644493B2; WO2014039198A1; US7597040B2; US7954418B2; US7604199B2; EP1013894B1

Designated contracting state (EPC)
DE FR GB

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EP 0922837 A2 19990616; **EP 0922837 A3 20001206**; **EP 0922837 B1 20050810**; DE 69831124 D1 20050915; DE 69831124 T2 20060413; JP H11200813 A 19990727

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EP 98309221 A 19981111; DE 69831124 T 19981111; JP 29928598 A 19981021