

Title (en)
Blisk

Title (de)
Blisk

Title (fr)
Grille monobloc

Publication
EP 2896794 B1 20170315 (EN)

Application
EP 15150251 A 20150107

Priority
GB 201400756 A 20140116

Abstract (en)
[origin: EP2896794A1] A blisk (12) has a rotor disk part and a circumferential row of blades extending from and integral with the disk part (30). A plurality of annulus fillers (34) is provided to bridge the gaps between adjacent blades. Each annulus filler (34) has an outer lid (36) which defines an airflow surface for air being drawn through the engine in an axial airflow direction, and an inner support structure which connects to the disk part (30) to support the lid (36) on the blisk (12). Opposite edges of the lid make respective lines of contact (38) with a suction side of one blade and a pressure side of an adjacent blade.

IPC 8 full level
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