

Title (en)
FAN BLADE

Title (de)
GEBLÄSESCHAUFEL

Title (fr)
AUBE DE SOUFFLANTE

Publication
EP 2573322 A2 20130327 (EN)

Application
EP 12185422 A 20120921

Priority
US 201113241756 A 20110923

Abstract (en)
A fan blade (20) has a main body (28) extending between a leading edge (21) and a trailing edge (22). Channels (30) are formed into the main body (28) from at least one open side. A plurality of ribs (28) extend across the main body (28) intermediate the channels (30). The fan blade (20) has a dovetail (24) and an airfoil (18) extending radially outwardly from the dovetail (24). The ribs (26) have a thickness defined as measured generally from the leading edge (21) toward the trailing edge (22). A thickness of at least one of the ribs (26) is generally thicker adjacent radially inner ends (42) and becomes thinner moving in a radially outward direction.

IPC 8 full level
F01D 5/14 (2006.01)

CPC (source: EP US)
F01D 5/147 (2013.01 - EP US); **F05D 2220/36** (2013.01 - EP US); **F05D 2250/13** (2013.01 - EP US)

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