

Title (en)
Meltblowing apparatus and process

Title (de)
Vorrichtung und Verfahren zum Schmelzblasen

Title (fr)
Dispositif et procédé pour fusion-soufflage

Publication
EP 0866152 A1 19980923 (EN)

Application
EP 98302075 A 19980319

Priority
US 82055997 A 19970319

Abstract (en)
A meltblowing die (10) includes a die tip (13) having an outwardly projecting triangular nosepiece (52) defining an apex (56) therealong, orifices spaced along the apex (56), and air holes flanking the apex. The air holes include a center air hole positioned at right angles to the apex, and air holes flanking the center air holes and positioned at an angle with respect to the apex so that fibers discharging from some of the orifices are caused to flare outwardly and increase the width of the pattern deposition. <IMAGE>

IPC 1-7
D01D 4/02

IPC 8 full level
B05C 5/02 (2006.01); **D01D 4/02** (2006.01); **D01D 5/098** (2006.01)

CPC (source: EP)
B05C 5/0275 (2013.01); **D01D 4/025** (2013.01); **D01D 5/0985** (2013.01); **B05C 5/0237** (2013.01)

Citation (search report)
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• [A] US 5478224 A 19951226 - MCGUFFEY GRANT [US]
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Designated contracting state (EPC)
DE GB IT

DOCDB simple family (publication)
EP 0866152 A1 19980923; EP 0866152 B1 20021120; DE 69809487 D1 20030102; DE 69809487 T2 20030710

DOCDB simple family (application)
EP 98302075 A 19980319; DE 69809487 T 19980319