

Title (en)

Modular meltblowing die

Title (de)

Modulare Schmelzblasdüse

Title (fr)

Matrice modulaire de soufflage à chaud

Publication

EP 0987352 A2 20000322 (EN)

Application

EP 99118377 A 19990916

Priority

US 15390398 A 19980916

Abstract (en)

A meltblowing die includes a die tip having an outwardly projecting triangular nosepiece defining an apex therealong, a row of hot melt holes spaced along the apex, and air holes positioned in relation to the hot melt holes to cause at least some of the filaments discharging therefrom to flare outwardly so that the hot melt filaments deposited on an underlying moving substrate has a lateral dimension greater than the length of the row of hot melt holes. The die may be operated to cause the filaments to be deposited on the substrate in a side-by-side sinusoidal, stitch-like pattern.

<IMAGE>

IPC 1-7

D01D 4/02; D01D 5/098

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)

Cited by

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