

Title (en)

APPARATUS FOR PREPARING A NONWOVEN WEB

Publication

**EP 0094993 B1 19860409 (EN)**

Application

**EP 82302610 A 19820521**

Priority

EP 82302610 A 19820521

Abstract (en)

[origin: EP0094993A1] An apparatus for preparing a nonwoven web includes a spinneret (1) producing a bundle of filaments (2) which are entrained through a cylinder (3) by compressed fluid (7) passing through an inlet (4). The filaments pass through a nozzle (5) in the form of a bundle (2 min ) where they impinge successively on surfaces (8 min ) and (9 min ) before landing on the collecting surface (10). The angle theta 1 between the first impinging surface (8 min ) and the nozzle axis is preferably 70-80 degrees and the angle theta 2 between the second impinging surface (9 min ) and the nozzle axis is preferably 0-45 degrees. In a preferred form of the invention the first impinging surface (8 min ) is connected to the bottom end of a cylinder forming the nozzle (5).

IPC 1-7

**D04H 3/03**

IPC 8 full level

**D04H 3/03** (2012.01); **D04H 3/11** (2012.01)

CPC (source: EP)

**D04H 3/03** (2013.01); **D04H 3/11** (2013.01)

Cited by

FR2846013A1; GB2204886A; GB2204886B; WO2004038081A1

Designated contracting state (EPC)

DE FR GB IT NL

DOCDB simple family (publication)

**EP 0094993 A1 19831130; EP 0094993 B1 19860409; DE 3270369 D1 19860515**

DOCDB simple family (application)

**EP 82302610 A 19820521; DE 3270369 T 19820521**