

ABSTRACT

PROCESS FOR MAKING NONWOVEN FABRIC AND APPARATUS USED FOR
THIS PROCESS

A process for making a nonwoven fabric in which continuous fibers are evenly distributed and neither bundles nor lumps of the fibers are formed, includes a guide box 4 for continuous fibers 13 being provided between extruding nozzles 12 adapted to discharge the continuous fibers 13 under hot air blast 15 and a conveyor belt 3. The box 4 has an upper end opening 21 and a lower end opening 22 being larger than the upper end opening 21. The continuous fibers 12 are subjected to a suction effect provided from below the guide box 4 so that the continuous fibers 13 may be secondarily stretched and thereby thinned within the guide box 4.

Refer to Fig. 2.