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(54) **Filament nonwoven fabrics and method of fabricating the same**

(57) The invention concerns a nonwoven fabric made up of filaments comprised of a polylactic acid-based polymer, wherein the polylactic acid-based polymer is a polymer selected from copolymers of D-lactic acid and L-lactic acid, copolymers of D-lactic acid and hydroxy-carboxylic acid, and copolymers of L-lactic acid and hydroxy-carboxylic acid, said polymer having a melting point of 100°C or more, or being a blend of such polymers having a melting point of 100°C or more. The con-

stituent filaments of the nonwoven fabric are partially fusion bonded with heat and pressure by embossing or ultrasonic fusion, wherein said fusion bonding is present in spottedly configured individual fusion bonded areas. The invention also concerns a method of fabricating a nonwoven fabric made up of filaments comprised of a polylactic acid-based polymer.

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EUROPEAN SEARCH REPORT

Application Number
EP 05 02 2050

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The present search report has been drawn up for all claims			
Place of search Munich		Date of completion of the search 28 October 2005	Examiner Lanniel, Geneviève
CATEGORY OF CITED DOCUMENTS X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons & : member of the same patent family, corresponding document			

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**ANNEX TO THE EUROPEAN SEARCH REPORT
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This annex lists the patent family members relating to the patent documents cited in the above-mentioned European search report.
The members are as contained in the European Patent Office EDP file on
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