

Title (en)

RESILIENT, THREE DIMENSIONAL POLYMERIC FILM COMPRISING CAPILLARY APERTURES, AND ABSORBENT ARTICLE WITH IMPROVED BACKSHEET COMPRISING THE FILM

Title (de)

ELASTISCHE, DREIDIMENSIONALE POLYMERFOLIE MIT KAPILLARPERFORATIONEN, SOWIE ABSORBIERENDER ARTIKEL MIT VERBESSERTER ÄUSSERER SCHICHT MIT DIESER FOLIE

Title (fr)

FILM POLYMERE SOUPLE, TRIDIMENSIONNEL, COMPORTANT DES PERFORATIONS CAPILLAIRES, ET ARTICLE ABSORBANT A SUPPORT AMELIORE COMPRENANT LEDIT FILM

Publication

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Application

**EP 00921619 A 20000331**

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Abstract (en)

[origin: WO0059434A1] The present invention relates to resilient, three dimensional, perforated plastic webs which allow passage of water vapour, and preferably of air, but are resistant to the transmission of aqueous fluids at least in one direction. According to the present invention the perforated plastic webs consist of a liquid impervious polymeric film comprising apertures which form capillaries having a length which is at least twice if compared to the dimension of the respective aperture in the polymeric film surface. The present invention also relates to absorbent articles like baby diapers, adult incontinence articles and in particular to sanitary napkins or pantliners which have a topsheet on the surface facing the wearer in use. According to the present invention the articles are provided also with an apertured backsheets, preferably for breathability. The backsheets comprises at least one layer of a resilient, three dimensional, perforated plastic web as described above.

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