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**Drew et al.**

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(54) **PAPER PRODUCT HAVING IMPROVED FUZZ-ON-EDGE PROPERTY**  
  
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(57) **ABSTRACT**

A process for increasing the tactile properties of a base web without adversely effecting the strength of the web is disclosed. In one embodiment, the process includes the steps of placing a base web between a first moving conveyor and a second moving conveyor. The conveyors are then wrapped around a shear-inducing roll which creates shear forces that act upon the base web. The shear forces disrupt the web, increasing the softness and decreasing the stiffness of the web. The shear-inducing roll typically has a relatively small diameter. In some applications, more than one shear-inducing roll may be incorporated into the system. Base webs made according to the present invention have been found to have improved void-volume and fuzz-on-edge properties.

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**31 Claims, 11 Drawing Sheets**

