

Title (en)  
METHOD FOR THE PRODUCTION OF REPRESENTATIVE TEXTILE SAMPLES OF FIBRES

Publication  
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Application  
**EP 90104609 A 19900312**

Priority  
CH 134089 A 19890410

Abstract (en)  
[origin: EP0392195A1] In this method, a disordered staple fibre material is rendered uniform and parallel in order to produce representative textile fibre samples. For this purpose, a piece of the original fibre material (6) to be analysed is brought between two parallel plates (1, 2), which are arranged at a constant distance from one another and have oppositely acting needles with a saw-tooth profile (3, 4) which engage in the fibre material (6). The two plates (1, 2) are now moved relative to one another while maintaining the mutual distance, and this brings about a linear separation of the fibre material (6) into its individual fibres. It is then possible to use a sample clamp (5) to extract from the parallel fleece thus produced a random, orthogonal cross-sectional sample (11) whose composition corresponds largely to the original fibre material (6), and which is therefore suitable for carrying out the most varied quality tests. <IMAGE>

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