

Title (en)  
Chlorination of fibrous material.

Title (de)  
Chlorierung von faserigem Material.

Title (fr)  
Chloration de matériau fibreux.

Publication  
**EP 0103992 A1 19840328 (EN)**

Application  
**EP 83304817 A 19830819**

Priority  
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Abstract (en)  
Method and an apparatus for the chlorination of a fibrous material (12), particularly wool and the like, in which a solution (11) of free chlorine in water, which is contained in the bowl (2) of a suction drum (1) of conventional construction, is sucked through the material (12) while the latter is passed around the lower half of perforated hollow cylinder (3). The suction in the bore of cylinder (3) is effected by an impeller (7) which is operative in a concentrically disposed tube (6). Solution (11) is obtained by dispersing the chlorine gas in it in the form of small bubbles by means of a mesh (15) which has apertures (16) and which is provided over the free end of a chlorine gas delivery tube (13). Mesh (15) is located one to two cm above shaft (8) of impeller (7) at a point located on that side of the apparatus where impeller (7) causes extensive turbulence in the solution to ensure that the chlorine is substantially completely dissolved in the solution.

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Citation (search report)  
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