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⑤④ **Method for the treatment of wool.**

⑤⑦ A method for the treatment of wool so as to impart shrink resistance comprising, in any order, the steps of:-

i) treating the wool with a proteolytic enzyme, and  
ii) subjecting the wool to either or both of an oxidative treatment and treatment with a polymer, with the proviso that when the oxidative treatment is used alone it comprises a wet chlorination process.

The method may be operated either as essentially a batch process or as a process involving a combination of continuous and batch treatments.

**EP 0 358 386 A3**



## EUROPEAN SEARCH REPORT

EP 89 30 8619

DOCUMENTS CONSIDERED TO BE RELEVANT			
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int. Cl.5)
X,Y	EP-A-0 134 267 (KURASHIKI BOSEKI KABUSHIKI KAISHI) * the whole document * - - -	1,2,9,12, 3,4	D 06 M 16/00 D 06 M 11/30 D 06 M 11/50
Y	US-A-2 322 313 (H.PHILLIPS ET AL) * the whole document * - - -	3,4	D 06 M 15/59 D 06 M 15/643 D 06 M 15/267
X	CHEMICAL ABSTRACTS, vol. 105, no. 24, 15 December 1986 Columbus, Ohio, USA "SHRINKPROOFING OF WOOL FIBERS" & JP-A-61 179 366 (NAKAJIMA SPINNING CO. LTD.) 12-08-1986 page 72; right-hand column; ref. no. 210384R * abstract * - - -	1,3-6	D 06 M 15/595 D 06 M 13/364
X	CHEMICAL ABSTRACTS, vol. 106, no. 20, 18 May 1987 Columbus, Ohio, USA "SHRINKPROOFING OF WOOL WITH ENZYMES" & JP-A-61 266 676 (NAKAJIMA SPINNING CO. LTD.) 26-11-1986 page 79; left-hand column; ref. no. 157926M * abstract * - - -	1	
X	CHEMICAL ABSTRACTS, vol. 90, no. 10, 05 March 1979 Columbus, Ohio, USA "SHRINKPROOFING OF WOOL" page 62; right-hand column; ref. no. 73268M & JP-A-78 037 959 (NAKAJIMA SPINNING CO. LTD.) 12-10-1978 * abstract * - - -	1	TECHNICAL FIELDS SEARCHED (Int. Cl.5)  D 06 M
A	WPIL, FILE SUPPLIER, DERWENT PUBLICATIONS LTD. LONDON, GB; & JP-A-57 071 474 (UNIKITA KK) 04-05-82 * abstract * - - - - -	1	
The present search report has been drawn up for all claims			
Place of search  The Hague		Date of completion of search  17 July 91	Examiner  BLAS V.M.
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	