

Title (en)  
WET-DEGRADABLE FIBERS

Publication  
**EP 0136659 A3 19861008 (EN)**

Application  
**EP 84111518 A 19840927**

Priority  
• JP 18085483 A 19830930  
• JP 18312783 A 19831003

Abstract (en)  
[origin: EP0136659A2] A wet-degradable fiber having a covering resin layer is described. The moisture permeability (R) of a resin forming the covering layer is at least 2.5 g/m<2>.24 hours as determined at a relative humidity difference of 0% and 90% with respect to a thickness of 0.1 mm. The strength wet reduction ratio ( DELTA 5) of the fiber is within a range satisfying requirements represented by the following formulae: 0% <= DELTA S1 <= 70%, 20% <= DELTA S2 <= 100% and DELTA S2/ DELTA S1 > 1.10 wherein DELTA S1 represents the strength reduction ratio after two hours' immersion in water at 20 DEG C and DELTA S2 represents the strength reduction ratio after fifty hours' immersion in water at 20 DEG C.

IPC 1-7  
**D06M 15/263**; **D06M 15/31**; **D06M 15/248**; **D06M 15/233**; **D06M 15/227**; **D06M 15/347**; **D06M 15/59**; **D06M 15/507**; **D06M 15/693**; **D06M 15/63**; **D06M 15/643**

IPC 8 full level  
**D06M 15/227** (2006.01); **D06M 15/233** (2006.01); **D06M 15/248** (2006.01); **D06M 15/263** (2006.01); **D06M 15/31** (2006.01); **D06M 15/347** (2006.01); **D06M 15/507** (2006.01); **D06M 15/59** (2006.01); **D06M 15/63** (2006.01); **D06M 15/643** (2006.01); **D06M 15/693** (2006.01)

CPC (source: EP)  
**D06M 15/227** (2013.01); **D06M 15/233** (2013.01); **D06M 15/248** (2013.01); **D06M 15/263** (2013.01); **D06M 15/31** (2013.01); **D06M 15/347** (2013.01); **D06M 15/507** (2013.01); **D06M 15/59** (2013.01); **D06M 15/63** (2013.01); **D06M 15/643** (2013.01); **D06M 15/693** (2013.01); **D06M 2101/08** (2013.01); **D06M 2101/12** (2013.01); **D06M 2101/14** (2013.01); **D06M 2101/24** (2013.01); **D06M 2101/26** (2013.01); **D06M 2101/32** (2013.01); **D06M 2101/34** (2013.01); **D06M 2200/00** (2013.01)

Citation (search report)  
• [X] GB 1125986 A 19680905 - KURASHIKI RAYON KK  
• [A] BE 700183 A 19671219  
• [A] DE 1124464 B 19620301 - RUHRCHEMIE AG, et al

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