

Title (en)  
FINE PARTICLE-CONTAINING FIBERS AND PROCESS FOR THEIR PRODUCTION

Publication  
**EP 0300041 A4 19900912 (EN)**

Application  
**EP 87903430 A 19870528**

Priority  
JP 1667387 A 19870127

Abstract (en)  
[origin: EP0300041A1] The fine particles are contained in molecular gaps in the fibre or in the suitable sites on the surface of the fibres. The molecular gaps and surface sites may be enlarged by swelling the fibres. The fibres are produced by dipping fibres into a heat-treated and pressure-treated bath, containing the fine particles dissolved as solids. Heat and pressure-treatment promotes fibre swelling. The fibres are then left in the static state, and the gaps close to their normal size on the particles which are incorporated stably without changing the character of the fibres.

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**D06M 11/00**

IPC 8 full level  
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CPC (source: EP)  
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Citation (search report)  
• [X] US 3173803 A 19650316 - THOMAS MANUEL A  
• [X] GB 313771 A 19290620 - WOLDEMAR FEDOROWITSCH HABERKOR  
• See references of WO 8805477A1

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**EP 0300041 A1 19890125; EP 0300041 A4 19900912**; AU 620018 B2 19920213; AU 7435587 A 19880810; WO 8805477 A1 19880728

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