

Title (en)
PROCESS FOR OXIDISING STARCH

Title (de)
VERFAHREN ZUR OXIDIERUNG VON STÄRKE

Title (fr)
PROCEDE D'OXYDATION DE L'AMIDON

Publication
EP 1133524 A1 20010919 (EN)

Application
EP 99972649 A 19991126

Priority
• NL 9900726 W 19991126
• NL 1010660 A 19981126

Abstract (en)
[origin: WO031145A1] The viscosity of starch and other carbohydrates can be lowered inexpensively, rapidly and without residual streams by treatment with hydrogen peroxide and a catalyst, in particular an organic acid or acid anhydride. After carbohydrate, hydrogen peroxide and catalyst have been brought together, the material is, if necessary, pre-dried at a temperature below 60 DEG C and the dried material is then treated at a temperature of 80 - 140 DEG C. The lowered viscosity is stable.

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C08B 31/18; **C08B 37/00**

IPC 8 full level
C08B 31/18 (2006.01); **C08B 37/00** (2006.01)

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C08B 31/18 (2013.01); **C08B 37/00** (2013.01)

Citation (search report)
See references of WO 0031145A1

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NL 9900726 W 19991126; AU 1417200 A 19991126; CA 2352222 A 19991126; CN 99813802 A 19991126; EP 99972649 A 19991126; JP 2000583969 A 19991126; NL 1010660 A 19981126; PL 34789599 A 19991126