

Title (en)
Clarification of hydrolysed starch.

Title (de)
Reinigung hydrolysierter Stärke.

Title (fr)
Clarification de l'amidon hydrolysé.

Publication
EP 0040473 A1 19811125 (EN)

Application
EP 81301807 A 19810423

Priority
GB 8014798 A 19800502

Abstract (en)
Hydrolysed corn or other starch is clarified by a process which comprises forming in the syrup at a pH of 3.5 to 6.5 a primary floc formed between aluminium ions, hydroxide ions, and phosphate ions; aerating the syrup containing the primary floc; distributing an anionic organic polymeric flocculant through the aerated syrup to initiate the formation of a secondary floc; allowing the secondary floc to grow, and to segregate by flotation; and separating flocculated solids from clarified syrup.

IPC 1-7
C13K 1/08

IPC 8 full level
C08B 30/12 (2006.01); **C12P 19/20** (2006.01); **C13K 1/08** (2006.01)

CPC (source: EP)
C13K 1/08 (2013.01)

Citation (search report)

- GB 1397927 A 19750618 - TATE & LYLE LTD
- DE 617706 C 19350824 - CARBO NORIT UNION VERWALTUNGS

Cited by
CN114292966A

Designated contracting state (EPC)
AT BE CH DE FR IT LU NL SE

DOCDB simple family (publication)
EP 0040473 A1 19811125; EP 0040473 B1 19830323; AT E2850 T1 19830415; AU 537510 B2 19840628; AU 6990481 A 19811105; CA 1176245 A 19841016; DE 3160124 D1 19830428; DK 154440 B 19881114; DK 154440 C 19890410; DK 195681 A 19811103; ES 501803 A0 19830416; ES 8305831 A1 19830416; GB 2075510 A 19811118; GB 2075510 B 19831109; GR 75244 B 19840713; IE 51198 B1 19861029; IE 810930 L 19811102; JP S56164800 A 19811217; JP S6364199 B2 19881209; MX 155779 A 19880428; ZA 812828 B 19820428

DOCDB simple family (application)
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