

Title (en)

Carbohydrate refining process and a supported enzyme for use therein.

Title (de)

Verfahren zur Raffination von Kohlenhydraten und gestütztes Enzym zum Gebrauch in diesem Verfahren.

Title (fr)

Procédé pour raffiner des hydrates de carbone et enzyme fixée pour utiliser dans ce procédé.

Publication

**EP 0407058 B1 19941012 (EN)**

Application

**EP 90306727 A 19900620**

Priority

GB 8915299 A 19890704

Abstract (en)

[origin: EP0407058A1] A process in which an aqueous solution of carbohydrate origin, eg. a wheat starch hydrolysate which contains a phospholipid and difficult-to-filter solid material is treated with a phospholipase enzyme prior to filtration is carried out by immobilising the phospholipase on or in the particles of a solid support such as an anion exchanger and agitating the particles in contact with the aqueous solution, the agitation preferably being effected by the upward movement of the aqueous solution through a column or bed of the particles.

IPC 1-7

**C13D 3/00**; **C13K 1/08**; **C13K 7/00**

IPC 8 full level

**C13K 1/08** (2006.01); **C13K 7/00** (2006.01)

CPC (source: EP)

**C13K 1/08** (2013.01); **C13K 7/00** (2013.01)

Cited by

KR20020043349A; EP0808903A3; US6162623A; US6025171A; WO9701632A1; WO9827199A1

Designated contracting state (EPC)

AT BE CH DE DK ES FR GB IT LI NL SE

DOCDB simple family (publication)

**EP 0407058 A1 19910109**; **EP 0407058 B1 19941012**; AT E112805 T1 19941015; DE 69013241 D1 19941117; DE 69013241 T2 19950223; DK 0407058 T3 19950227; ES 2060952 T3 19941201; FI 100026 B 19970829; FI 903329 A0 19900702; GB 8915299 D0 19890823

DOCDB simple family (application)

**EP 90306727 A 19900620**; AT 90306727 T 19900620; DE 69013241 T 19900620; DK 90306727 T 19900620; ES 90306727 T 19900620; FI 903329 A 19900702; GB 8915299 A 19890704