

Title (en)  
MULTISTAGE PROCESS FOR EXTRACTING SUGAR FROM SUGAR BEET AND SPECIAL RAW SUGAR OBTAINED.

Title (de)  
MEHRSTUFIGES VERFAHREN ZUR ZUCKERGEWINNUNG AUS ZUCKERRÜBEN UND SPEZIAL-ROHZUCKER.

Title (fr)  
PROCEDE EN PLUSIEURS ETAPES D'EXTRACTION DU SUCRE DE LA BETTERAVE SUCRIERE ET SUCRE BRUT SPECIAL AINSI OBTENU.

Publication  
**EP 0413796 A1 19910227 (DE)**

Application  
**EP 90904176 A 19900309**

Priority  
• AT 55789 A 19890310  
• AT 9000020 W 19900309

Abstract (en)  
[origin: WO9010719A2] In a multistage process for optimal utilization of the substances contained in sugar beet, a new special raw sugar, white sugar and the storable by-products, molasses and dry pulp, are extracted. To this end, a first juice for the production of white sugar is first extracted from the sugar beet, a second juice for the production of the new special raw sugar is then extracted and finally a third juice, also for the production of white sugar, is extracted.

Abstract (fr)  
Selon un procédé à plusieurs étapes qui assure une utilisation optimale des substances contenues dans la betterave sucrière, on produit un nouveau sucre brut spécial, du sucre raffiné et les produits secondaires longue conservation, mélasse et pulpes sèches. A cet effet, on extrait premièrement des betteraves sucrières un premier jus pour la production de sucre raffiné, puis un deuxième jus pour la production du nouveau sucre brut spécial et finalement un troisième jus, également pour la production de sucre raffiné.

IPC 1-7  
**C13D 1/00**

IPC 8 full level  
**C13B 10/00** (2011.01); **C13B 20/00** (2011.01); **C13B 25/00** (2011.01); **C13B 50/00** (2011.01)

CPC (source: EP)  
**C13B 10/00** (2013.01); **C13B 50/002** (2013.01)

Designated contracting state (EPC)  
AT BE CH DE DK ES FR GB IT LI LU NL SE

DOCDB simple family (publication)  
**WO 9010719 A2 19900920; WO 9010719 A3 19901101**; AT 401776 B 19961125; AT A55789 A 19960415; AT E113995 T1 19941115; BG 60592 B1 19950929; BG 93427 A 19931224; CA 2028854 A1 19900911; DE 59007682 D1 19941215; DK 0413796 T3 19950227; EP 0413796 A1 19910227; EP 0413796 B1 19941109; ES 2064722 T3 19950201; FI 905557 A0 19901109; FI 95813 B 19951215; FI 95813 C 19960325; HU 210512 B 19950428; HU 902390 D0 19910328; HU T57834 A 19911230; JP H03505162 A 19911114; RO 112119 B1 19970530

DOCDB simple family (application)  
**AT 9000020 W 19900309**; AT 55789 A 19890310; AT 90904176 T 19900309; BG 9342790 A 19901210; CA 2028854 A 19900309; DE 59007682 T 19900309; DK 90904176 T 19900309; EP 90904176 A 19900309; ES 90904176 T 19900309; FI 905557 A 19901109; HU 239090 A 19900309; JP 50448890 A 19900309; RO 14628990 A 19900309