

Title (en)

PROCESS AND APPARATUS FOR DEWATERING EXTRACTED SUGAR BEET CHIPS

Publication

EP 0036090 A3 19811014 (DE)

Application

EP 81101170 A 19810219

Priority

DE 3009575 A 19800313

Abstract (en)

[origin: EP0036090A2] The invention relates to a process for dewatering extracted sugarbeet chips which are first subjected to preliminary pressing, in which a first press water fraction is separated off, after which a liquid (auxiliary) which promotes dewatering is added and the sugarbeet chips mixed with the added auxiliary are then mixed, kneaded and relayered without pressing out water, and the sugarbeet chips then pass through at least one further press zone in which at least a second press water fraction (30) is separated off. The novel feature is the fact that at least part of the second press water fraction (30) is added again to the sugarbeet chips after the latter have been pressed. The invention furthermore relates to a beet chip press for carrying out the abovementioned process. The novel feature here is primarily the fact that the collecting and conveying means (16,17) for the pressed pulps as well as the second press water fraction (29) are arranged below the second, horizontal press spindle (13), and that, in the first zone of the collecting and conveying means, an outlet sieve (18) is provided for part of the second press water fraction (30), a conveying pipe (19) being connected to said sieve downstream of the latter and said pipe being connected to the beet chip channel between the preliminary and subsequent press zones (B,C,D). <IMAGE>

IPC 1-7

C13C 3/00

IPC 8 full level

C13B 15/00 (2011.01)

CPC (source: EP)

C13B 20/00 (2013.01)

Citation (search report)

- EP 0014908 A1 19800903 - SUEDDEUTSCHE ZUCKER AG [DE]
- US 2764474 A 19560925 - KARL GLINKA
- DE 2425512 A1 19751211 - BRAUNSCHWEIGISCHE MASCH BAU
- DE 99692 C
- DE 871847 C 19530326 - SIEMENS AG
- FR 2380740 A1 19780915 - UCB SA [FR]
- US 1372891 A 19210329 - OSCAR MENGELBIER

Cited by

FR2695940A1; EP0308299A1; FR2620460A1

Designated contracting state (EPC)

AT BE FR GB IT NL

DOCDB simple family (publication)

EP 0036090 A2 19810923; EP 0036090 A3 19811014; DD 158041 A5 19821222; DE 3009575 A1 19810924

DOCDB simple family (application)

EP 81101170 A 19810219; DD 22819781 A 19810311; DE 3009575 A 19800313