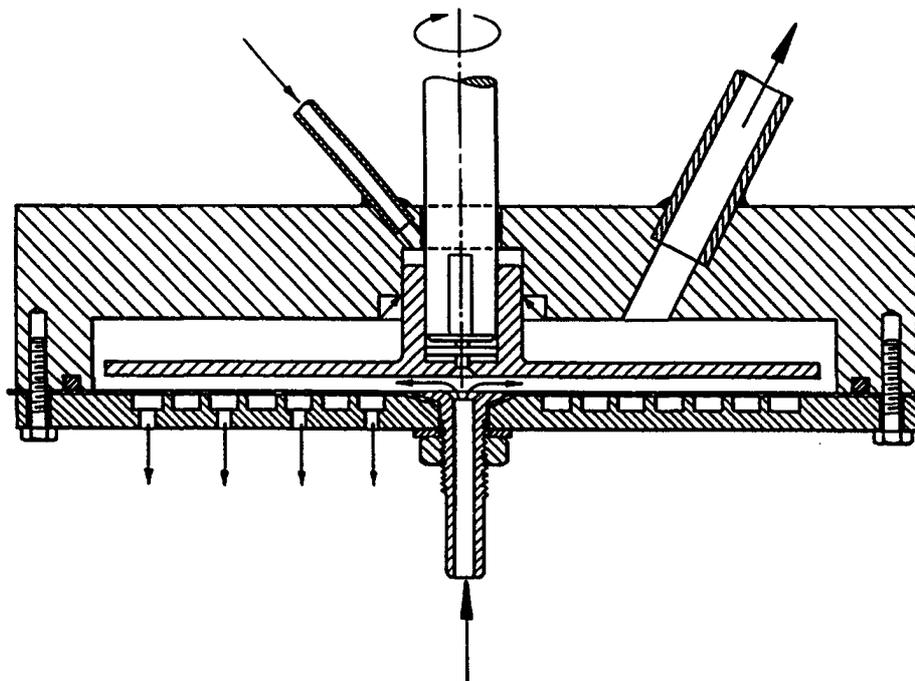




## INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

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| <p>(21) International Application Number: PCT/EP97/06490</p> <p>(22) International Filing Date: 20 November 1997 (20.11.97)</p> <p>(30) Priority Data:<br/>196 49 661.6      29 November 1996 (29.11.96)      DE</p> <p>(71) Applicant (for all designated States except US): PALL CORPORATION [US/US]; 2200 Northern Boulevard, East Hills, NY 11548 (US).</p> <p>(72) Inventors; and<br/>(75) Inventors/Applicants (for US only): LOTZ, Markus [DE/DE]; Kulischstrasse 7, D-85354 Freising (DE). RANDHAHN, Horst [DE/DE]; Frankensteinerstrasse 58, D-64297 Darmstadt-Eberstadt (DE). ALEX, Tony [US/US]; 278 Crombie Street, Huntington Station, New York, NY 11746 (US). BERNDT, Rolf [DE/DE]; Am Bieberbach 43, D-63128 Dietzenbach (DE). MÜLLER, Gebhardt [DE/DE]; Wilhelm-Busch-Weg 26, D-63303 Dreieich (DE).</p> <p>(74) Agents: GEISLER, Bernhard et al.; Galileiplatz 1, D-81679 München (DE).</p> |                  | <p>(81) Designated States: AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GE, GH, HU, ID, IL, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UG, US, UZ, VN, YU, ZW, ARIPO patent (GH, KE, LS, MW, SD, SZ, UG, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, ML, MR, NE, SN, TD, TG).</p> <p><b>Published</b><br/><i>With international search report.<br/>Before the expiration of the time limit for amending the claims and to be republished in the event of the receipt of amendments.</i></p> <p>(88) Date of publication of the international search report:<br/>1 October 1998 (01.10.98)</p> |

(54) Title: MASHING PROCESSES



(57) Abstract

With a mashing process, the mash is fed to the filter material of a dynamic cross-flow filtration system, wort is withdrawn from the side-stream side of the filter material and thickened remainder is withdrawn from the feed side of the filter material.

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# INTERNATIONAL SEARCH REPORT

International Application No

PCT/EP 97/06490

**A. CLASSIFICATION OF SUBJECT MATTER**  
IPC 6 C12C7/165

According to International Patent Classification (IPC) or to both national classification and IPC

**B. FIELDS SEARCHED**

Minimum documentation searched (classification system followed by classification symbols)  
IPC 6 C12C

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

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