

Title (en)

PROCESS AND APPARATUS FOR TREATING WET FAT BIOLOGICAL TISSUE USING A WATER MISCIBLE SOLVENT.

Title (de)

VERFAHREN UND VORRICHTUNG ZUM BEHANDELN EINES FEUCHTEN FETTEN BIOLOGISCHEN GEWEBES MITTELS EINES MIT WASSER MISCHBAREN LÖSEMITTELS.

Title (fr)

PROCEDE ET DISPOSITIF DE TRAITEMENT DE TISSUS BIOLOGIQUES GRAS MOUILLES EN UTILISANT UN SOLVANT MELANGEABLE A L'EAU.

Publication

**EP 0174952 A4 19860723 (EN)**

Application

**EP 85901268 A 19850225**

Priority

US 58296084 A 19840223

Abstract (en)

[origin: WO8503721A1] The process of simultaneously defatting and dehydrating raw fat animal tissue and other tissues in comminuted form by introducing the tissue particles into a boiling alcohol solvent, the fat of the tissue and water of the tissue being extracted into the body of boiling alcohol to form a slurry of alcohol, particles, fat and water. The water of the tissue and alcohol in an azeotropic vapor form are distilled off from the body of slurry and separated in a subsequent distillation to recover the alcohol for recycling. When sufficient water is removed from the slurry, the solids are separated from the liquids of the slurry, and the alcohol is evaporated from the fat. The recovered alcohol is dehydrated to less than 5% water by volume, and returned to the mass of alcohol. In addition to the process, the invention covers apparatus for carrying out the foregoing process.

IPC 1-7

**C11B 1/10**; **B01D 1/00**; **B01D 3/36**; **A23J 3/00**

IPC 8 full level

**B01D 3/36** (2006.01); **C11B 1/10** (2006.01)

CPC (source: EP)

**B01D 3/36** (2013.01); **C11B 1/10** (2013.01)

Citation (search report)

- No relevant documents have been disclosed
- No relevant documents have been disclosed
- See references of WO 8503721A1

Designated contracting state (EPC)

BE CH DE FR GB LI NL

DOCDB simple family (publication)

**WO 8503721 A1 19850829**; CA 1255234 A 19890606; DK 486885 A 19851220; DK 486885 D0 19851023; EP 0174952 A1 19860326; EP 0174952 A4 19860723

DOCDB simple family (application)

**US 8500294 W 19850225**; CA 475027 A 19850225; DK 486885 A 19851023; EP 85901268 A 19850225