

Title (en)

ULTRA-SHORT HEAT TREATMENT METHOD FOR A LIQUID

Title (de)

ULTRAHOCHTEMPERATUR BEHANDLUNG FÜR FLÜSSIGKEITEN

Title (fr)

PROCEDE POUR SOUMETTRE UN LIQUIDE A UN TRAITEMENT THERMIQUE MOMENTANE ULTRACOURT

Publication

EP 1047303 A2 20001102 (EN)

Application

EP 97947727 A 19971222

Priority

DK 9700589 W 19971222

Abstract (en)

[origin: WO9807328A2] In a method of providing a brief heat treatment to a liquid by mixing steam therein followed by flash cooling at reduced pressure, very short and easily adjustable holding time at elevated temperature is obtained by adjustable increase of the amount of steam injected into the liquid to amounts exceeding those which condense by contacting the liquid. The method is efficient for heat treatment, such as sterilization, of heat sensitive materials including food products of high viscosity.

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A23C 3/037

IPC 8 full level

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CPC (source: EP)

A23C 3/037 (2013.01); **A23L 3/22** (2013.01); **Y02P 60/85** (2015.11)

Citation (search report)

See references of WO 9807328A2

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