

Title (en)
PROCESS FOR SHIPPING FERMENTABLE PRODUCTS

Publication
EP 0204097 B1 19920122 (DE)

Application
EP 86104478 A 19860402

Priority
CH 151785 A 19850409

Abstract (en)
[origin: EP0204097A2] After preliminary cleaning, the tanker container is subjected to steam which is filtered in a steam filter (26) and introduced via a feed line (9). A vacuum valve (4) is blocked in the open position, whilst a bottom shut-off member (10) is throttled until a relief valve (5) is pushed open. After steam has passed through for a relatively long time at a pressure set at the relief valve (5), air made sterile in an air filter (27) is introduced for the purpose of cooling and drying the tanker container (1). After a product line (15) and a flow heater (20) have also been subjected to steam, the product to be transported is subjected in the flow heater (20) to brief heating with subsequent cooling and is then conveyed into the tanker container (1). Since the product itself is also introduced sterile into the tanker container (1), the product can be transported from the place of production to the place of consumption without any special measures. Nevertheless, the product arrives at the place of consumption unchanged and sterile and can go directly into production there. <IMAGE>

IPC 1-7
A23L 2/16; B65B 55/10

IPC 8 full level
B65B 55/10 (2006.01)

CPC (source: EP)
B65B 55/10 (2013.01)

Citation (examination)

- Die Grundlagen der Verfahrenstechnik in der Lebensmittelindustrie; H. Mohler (1969)
- Lehrbuch der pharmazeutischen Technologie; R. Voi (1984)
- Encyclopedia of Chemical Technology; Kirk-Othmer Vol. 21, (1983)

Designated contracting state (EPC)
DE FR IT

DOCDB simple family (publication)
EP 0204097 A2 19861210; EP 0204097 A3 19890215; EP 0204097 B1 19920122; CH 665533 A5 19880531; DE 3683539 D1 19920305; ES 552873 A0 19870516; ES 8705752 A1 19870516

DOCDB simple family (application)
EP 86104478 A 19860402; CH 151785 A 19850409; DE 3683539 T 19860402; ES 552873 A 19860311