

Title (en)

An aseptic rotating positive-displacement batcher.

Title (de)

Aseptische Rotationsverdränger-Abgabevorrichtung.

Title (fr)

Distributeur à déplacement positif du type rotatif et aseptique.

Publication

EP 0534912 A1 19930331 (EN)

Application

EP 92830491 A 19920916

Priority

IT MO910139 A 19910925

Abstract (en)

The invention relates to an aseptic rotating positive-displacement batcher. The batcher is contained within a shell (1), in which an aseptic environment is maintained, and comprises a rotating tank (2) to which positive-displacement pumps (3) and filler heads (4) are solid, through which filler heads (4) the product, aspirated from the rotating tank (2) by the positive-displacement pumps (3), exits from the batcher in order to be introduced into final containers (5); in the said batcher, the internal space comprising all of the zones of the batcher crossed by the product is sealed with respect to the surrounding environment and is defined by walls aimed at withstanding a predetermined high pressure. <IMAGE>

IPC 1-7

B65B 55/02

IPC 8 full level

B01J 19/00 (2006.01); **B65B 55/02** (2006.01); **B01F 9/10** (2006.01)

CPC (source: EP)

B65B 55/027 (2013.01)

Citation (search report)

- [X] US 3101752 A 19630827 - MCK MARTIN WILLIAM
- [A] EP 0074418 A1 19830323 - VERCON INC [US]
- [Y] GB 910839 A 19621121 - VICKERS RUWOLT PROPRIETARY LTD

Cited by

CN107149915A

Designated contracting state (EPC)

AT BE CH DE DK ES FR GB GR IE LI LU MC NL PT SE

DOCDB simple family (publication)

EP 0534912 A1 19930331; EP 0534912 B1 19950607; AT E123457 T1 19950615; BR 9203677 A 19930420; CA 2078645 A1 19930326; DE 69202845 D1 19950713; DE 69202845 T2 19951026; IT 1253474 B 19950808; IT MO910139 A0 19910925; IT MO910139 A1 19930325; JP H05277350 A 19931026

DOCDB simple family (application)

EP 92830491 A 19920916; AT 92830491 T 19920916; BR 9203677 A 19920922; CA 2078645 A 19920918; DE 69202845 T 19920916; IT MO910139 A 19910925; JP 25470792 A 19920924