

Title (en)

Sealing assembly for sealing the transition between a rotating and a stationary machine element and installation or device for handling bottles or similar containers with at least one such sealing assembly

Title (de)

Dichtungsanordnung zum Abdichten eines Übergangs zwischen einem umlaufenden und einem ortsfesten Maschinenelement sowie Anlage oder Vorrichtung zum Behandeln von Flaschen oder dergleichen Behältern mit wenigstens einer solchen Dichtungsanordnung

Title (fr)

Agencement de joint destiné à étanchéifier un passage entre un élément mécanique mobile et un élément mécanique fixe tout comme installation ou dispositif de traitement de bouteilles ou récipients analogues dotés d'au moins un tel agencement de joint

Publication

EP 1820771 B1 20110803 (DE)

Application

EP 07002379 A 20070203

Priority

DE 102006007367 A 20060217

Abstract (en)

[origin: EP1820771A1] The arrangement comprises a seal (9). A mechanical seal (31) is arranged at one side of seal, by bridging a siphon, and the transition (8). The mechanical seal comprises one seal element (28) at the revolving or stationary mechanical component (11,19,20) as well as it comprises a co-active sealing surface (30) with the seal element at the stationary or at the revolving mechanical component. The mechanical seal is provided in the non sterile area or range (22), which faces the side of siphon seal. An independent claim is also included for the installation or device for treating bottles or such containers.

IPC 8 full level

B67C 7/00 (2006.01)

CPC (source: EP US)

B67C 7/0073 (2013.01 - EP US); **B67C 2003/228** (2013.01 - EP US); **B67C 2003/2694** (2013.01 - EP US)

Cited by

WO2010009817A1; ITTO20110929A1; EP2583932A1; WO2015128231A1; WO2011029609A3; US10624224B2; US11006537B2

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