

Title (en)

Sterile tunnel for aseptically operating packaging machines

Title (de)

Steriltunnel für aseptisch arbeitende Verpackungsmaschinen

Title (fr)

Tunnel stérile pour des machines d'emballage au fonctionnement aseptique

Publication

**EP 1122170 B1 20021127 (DE)**

Application

**EP 01100234 A 20010103**

Priority

DE 10004076 A 20000131

Abstract (en)

[origin: DE10004076C1] The sterile tunnel (1) contains working elements connected to external drives (2) via adjusting rods (3) passing through a telescopic tube seal unit. The upper telescopic tube (6) has an upper closed section (7) with evenly distributed drain openings (8) to permit flow of a sterilization medium out of the tunnel. The openings are located in a flange (9) or a carrier plate (10) on the upper section. The top end of the upper telescopic tube is sealed by a plate, which is connected to the drive.

IPC 1-7

**B65B 55/02**

IPC 8 full level

**B65B 55/02** (2006.01)

CPC (source: EP US)

**B65B 55/025** (2013.01 - EP US)

Cited by

DE102008034389A1; US8776482B2

Designated contracting state (EPC)

DE ES FR

DOCDB simple family (publication)

**DE 10004076 C1 20010621**; DE 50100061 D1 20030109; EP 1122170 A1 20010808; EP 1122170 B1 20021127; ES 2183800 T3 20030401; US 2001010805 A1 20010802; US 6495111 B2 20021217

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