

Title (en)

Machine for filling and sealing containers in a sterile environment

Title (de)

Maschine zum Füllen und Versiegeln von Behältern in einer sterilen Umgebung

Title (fr)

Machine pour remplir et sceller des récipients dans un environnement stérile

Publication

EP 0694477 A1 19960131 (EN)

Application

EP 95830272 A 19950628

Priority

IT MO940111 A 19940727

Abstract (en)

The invention relates to a machine for filling and sealing containers in a sterile environment. A plurality of sacks (5), arranged one following another, advances along a conveyor line (3). Each container is provided with a neck (6) which is closed by a cap and which crosses a tunnel (20), walls of which tunnel (20) afford a steril environment. A sterilization device (42) acts on the necks (6) internally of the tunnel upstream of a filling station (30), also internal of the tunnel (20). <MATH>

IPC 1-7

B65B 55/02

IPC 8 full level

B65B 55/02 (2006.01)

CPC (source: EP)

B65B 55/022 (2013.01)

Citation (applicant)

IT 1187194 A

Citation (search report)

- [X] US 5129212 A 19920714 - DUFFEY CRAIG L [US], et al
- [X] GB 2112735 A 19830727 - A C I AUSTRALIA LTD
- [XA] WO 8203832 A1 19821111 - SCHOLLE CORP [US], et al
- [X] EP 0232985 A1 19870819 - CORRUGATED PROD LTD [GB]

Cited by

FR2852922A1; EP3353071A4; CN108290650A; EP3353072A4; FR2859200A1; US11999519B2; FR2859199A1; JP2018193136A; WO2017053230A1; US9737913B2; US9751677B2; WO2016189754A1; WO2017053226A1; US10189591B2; US11203453B2; US11459138B2; JP2016008055A; CN106458346A; US2017107008A1; EP3157821A4; CN110092047A; AU2015395860B2; EP3868676A1; US10035614B2; US10245336B2; WO2005023652A1

Designated contracting state (EPC)

DE FR GB

DOCDB simple family (publication)

EP 0694477 A1 19960131; IT 1269243 B 19970326; IT MO940111 A0 19940727; IT MO940111 A1 19960127

DOCDB simple family (application)

EP 95830272 A 19950628; IT MO940111 A 19940727