

Title (en)
BOTTLE-PROCESSING MACHINE AND METHOD FOR CLEANING THE PUMP/NOZZLE PROTECTOR OF THE BOTTLE-PROCESSING MACHINE

Title (de)
FLASCHENBEHANDLUNGSMASCHINE UND VERFAHREN ZUM REINIGEN DES PUMPEN-/DÜSENSCHUTZES DER FLASCHENBEHANDLUNGSMASCHINE

Title (fr)
MACHINE DE TRAITEMENT DE BOUTEILLES ET PROCÉDÉ DE NETTOYAGE DE LA PROTECTION DE POMPE/BUSE DE LA MACHINE DE TRAITEMENT DE BOUTEILLES

Publication
EP 3600457 A1 20200205 (DE)

Application
EP 17800840 A 20171117

Priority
• DE 102017205551 A 20170331
• EP 2017079604 W 20171117

Abstract (en)
[origin: WO2018177575A1] The invention relates to a bottle-processing machine, such as a pasteuriser or a bottle-washing machine, comprising a pump/nozzle protector in the form of a screen, the screen comprising an at least partially perforated surface and being provided to be penetrated with a liquid from the bottle-processing machine. The bottle-processing machine is characterised by at least one scraper, at least part of which lies on the at least partially perforated surface of the screen, the screen and the at least one scraper being rotatably mounted with respect to one another. The invention also relates to a method, preferably a computer-controlled method, for cleaning the screen of the bottle-processing machine according to the invention.

IPC 8 full level
A61L 2/22 (2006.01); **A23L 2/46** (2006.01); **A61L 2/04** (2006.01); **B01D 21/00** (2006.01); **B01D 33/46** (2006.01); **B08B 9/42** (2006.01)

CPC (source: EP US)
A23L 2/46 (2013.01 - US); **A61L 2/04** (2013.01 - EP); **A61L 2/18** (2013.01 - US); **A61L 2/22** (2013.01 - EP); **A61L 2/26** (2013.01 - US); **B01D 33/06** (2013.01 - US); **B01D 33/466** (2013.01 - EP US); **B08B 1/165** (2024.01 - EP US); **B08B 1/20** (2024.01 - EP US); **B08B 1/30** (2024.01 - EP); **B08B 1/32** (2024.01 - US); **B08B 9/28** (2013.01 - US); **B08B 9/42** (2013.01 - EP); **B67C 3/001** (2013.01 - US); **C02F 1/004** (2013.01 - US); **A23L 2/46** (2013.01 - EP); **A23V 2002/00** (2013.01 - US); **A61L 2202/15** (2013.01 - US); **A61L 2202/23** (2013.01 - EP US); **C02F 2303/16** (2013.01 - US)

Citation (search report)
See references of WO 2018177575A1

Cited by
CN112588636A

Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)
BA ME

DOCDB simple family (publication)
WO 2018177575 A1 20181004; CN 109069676 A 20181221; DE 102017205551 A1 20181004; EP 3600457 A1 20200205; US 11358077 B2 20220614; US 2020047092 A1 20200213

DOCDB simple family (application)
EP 2017079604 W 20171117; CN 201780028844 A 20171117; DE 102017205551 A 20170331; EP 17800840 A 20171117; US 201716099351 A 20171117