

Title (en)
Aseptic filling machine

Title (de)
Maschine zum aseptischen Abfüllen

Title (fr)
Machine de remplissage aseptique

Publication
EP 1357081 B1 20050216 (EN)

Application
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Priority
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Abstract (en)
[origin: EP1468959A2] The invention described in this paper introduces a new aseptic packing technology for plastic bottles made of PET, PE, PEHD, polypropylene or other hygienically compatible plastics. In order to apply this technology to aseptic product packing lines, a special system configuration of the product packing machine is required: an aseptic room (C1,C2) is to be created inside the machine, where sterile air (E) constantly flows into. Its structure consists of one stationary section (B) and one rotating section (A) whose special configurations create a volume where the bottle filling process takes place. <IMAGE>

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IPC 8 full level
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B67C 7/0073 (2013.01); **B67C 2003/228** (2013.01); **B67C 2003/2694** (2013.01); **B67C 2003/2697** (2013.01)

Cited by
US8985990B2; CN102717932A; CN107001020A; DE10326618A1; CN116553463A; CN102408088A; CN104370257A; CN117342075A; US7357159B2; WO2020025224A1; JP2021509878A; WO2005056465A1; WO2021018541A1; WO2016108124A1; US10800088B2; EP1369379B1; WO2016108125A1; US9505162B2; US10287152B2; US10486357B2; US11072106B2; WO2010000431A1

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