

Title (en)

Machine for cleaning bottles and the like.

Title (de)

Maschine zum Reinigen von Flaschen oder dgl.

Title (fr)

Machine pour le nettoyage de bouteilles ou similaires.

Publication

EP 0529387 B1 19951206 (DE)

Application

EP 92113599 A 19920810

Priority

DE 9110492 U 19910824

Abstract (en)

[origin: EP0529387A1] In order to bring about a significant reduction in the space requirement and the structural complexity of a machine for cleaning bottles having an endless conveyor for the bottles and treatment devices assigned to the latter, the endless conveyor being guided after the fashion of a horizontal spiral into at least two regions with transverse movement in opposite directions, without loss to the treatment section, the regions (A, B) of the endless conveyor (17) with transverse movement in opposite directions and the associated treatment devices are arranged one on top of the other at different heights. <IMAGE>

IPC 1-7

B08B 9/20; **B65G 21/18**

IPC 8 full level

B08B 9/20 (2006.01); **B08B 9/30** (2006.01); **B08B 9/42** (2006.01); **B65G 21/18** (2006.01)

CPC (source: EP US)

B08B 9/42 (2013.01 - EP US); **B08B 9/426** (2013.01 - EP US)

Cited by

EP2218523A1; DE19733582B4; DE102017126266A1; WO03082488A1; US6185910B1; US8640719B2

Designated contracting state (EPC)

BE DE ES FR GB IT NL

DOCDB simple family (publication)

DE 9110492 U1 19920924; BR 9203286 A 19930406; DE 59204570 D1 19960118; EP 0529387 A1 19930303; EP 0529387 B1 19951206; ES 2082297 T3 19960316; JP H0751649 A 19950228; JP H0815590 B2 19960221; US 5285801 A 19940215

DOCDB simple family (application)

DE 9110492 U 19910824; BR 9203286 A 19920821; DE 59204570 T 19920810; EP 92113599 A 19920810; ES 92113599 T 19920810; JP 22292492 A 19920821; US 93347492 A 19920821