

Title (en)

TRANSVERSE FLEXIBLE SUCTION DEVICE OF ELASTIC MATERIAL FOR GRIPPING THE VALVE BOTTOM OF A VALVE BAG, AND USE OF SUCH A DEVICE

Publication

**EP 0341581 B1 19921014 (DE)**

Application

**EP 89108093 A 19890505**

Priority

DE 3815783 A 19880509

Abstract (en)

[origin: EP0341581A1] This device comprises one or more suction chambers having suction bores situated in the flat chamber bottom which face the valve to be gripped. It is intended to provide a device of this type in which a reliable gripping of the bag bottom by means of the flat suction-chamber bottom or bottoms and a similarly reliable opening of the bag valve is ensured. In this arrangement, it should be possible for the extensibility of the bag valve, that is to say the distance between the two initially parallel valve walls, to be varied. For this purpose, the device is provided, in a parallel plane (E, K, N, R) which is remote from the plane (F, H, M, T) of the suction-chamber bottom (11, 24, 35, 51), with one or more pressure chambers (10, 26- 28, 38-41, 60) which act in this parallel plane, the device becoming curved transversely when pressure is applied to said chambers. <IMAGE>

IPC 1-7

**B65B 43/26**

IPC 8 full level

**B65B 43/18** (2006.01); **B65B 43/26** (2006.01)

CPC (source: EP)

**B65B 43/18** (2013.01); **B65B 43/262** (2013.01)

Designated contracting state (EPC)

BE FR GB NL

DOCDB simple family (publication)

**EP 0341581 A1 19891115; EP 0341581 B1 19921014**

DOCDB simple family (application)

**EP 89108093 A 19890505**