

Title (en)  
Bottle cleaning machine of the double-end type

Title (de)  
Flaschenreinigungsmaschine in Doppelendbauweise

Title (fr)  
Machine de nettoyage de bouteilles du type à deux extrémités

Publication  
**EP 0846501 B1 20020710 (DE)**

Application  
**EP 97119852 A 19971113**

Priority  
DE 19650944 A 19961207

Abstract (en)  
[origin: EP0846501A2] The conveyor immerses at the input end of the conveyor (4) as far as the lower area and a first loop (5) reaching into the upper area runs through, having lower first and second deflections (6,7) and a central deflection (8). At the outlet end, the loop emerges again from the bath. In the area of the lower first and second deflections first and second label applicators (9,10) are arranged. The length of the immersion bath (1) is greater than its height. The lower deflections of the first loop are displaced in relation to the output side end and the central deflection of the first loop is displaced in relation to the inlet side end of the immersion bath. The first loop has an asymmetrical course with a horizontal alignment.

IPC 1-7  
**B08B 9/24**

IPC 8 full level  
**B08B 9/24** (2006.01)

CPC (source: EP)  
**B08B 9/24** (2013.01)

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**EP 0846501 A2 19980610; EP 0846501 A3 19990519; EP 0846501 B1 20020710; AT E220354 T1 20020715; DE 19650944 C1 19980604**

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