

Title (en)  
Wiper with simplified assembly

Title (de)  
Abstreifer mit vereinfachter Montage

Title (fr)  
Essoreur à montage simplifié

Publication  
**EP 1275322 B1 20051123 (FR)**

Application  
**EP 02291326 A 20020530**

Priority  
FR 0108403 A 20010626

Abstract (en)  
[origin: EP1275322A1] A wiping device comprises a coupling member including a flexible lip on the exterior surface of a body. The flexible lip has a first end attached to the body at a joining region and a free second end. The flexible lip makes an acute angle with the body to exhibit a resistance less than that exhibited during extraction of the wiping device from a container in the absence of stress. <??>A wiping device comprises a body (11), a wiping portion (21), and a coupling member to couple the wiping device to a container. The coupling member includes a flexible lip on the exterior surface of the body. The flexible lip has a first end attached to the body at a joining region (16) and a second end (15) which is free. In the absence of stress, the flexible lip makes an acute angle with the body to exhibit, during an introduction of the wiping device into the container, a resistance less than a resistance exhibited during extraction of the wiping device from the container. <??>Independent claims are also included for: <??>(1) an applicator unit comprising a container containing a product, an applicator member immersed in the product, and the inventive wiping device. The applicator member is configured to pass through the wiping device when it is withdrawn from the container to remove excess product member; and <??>(2) a wiping device comprising a body, a wiping member and bendable member(s) protruding from an outer surface of the body to form an acute angle when the member is unbent.

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**A45D 40/26**

IPC 8 full level  
**A45D 34/04** (2006.01); **A45D 40/26** (2006.01)

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Cited by  
FR3027496A1; EP2974618A1; FR3023690A1; FR3097726A1; US7350997B2; WO2019129935A1; US8142093B2; WO2016062888A1; EP1579784A1; FR2867957A1; WO2018055123A1; WO2020260830A1

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