

Title (en)  
CLEANING SYSTEM WITH A WRINGING DEVICE FOR A FLAT WIPER

Title (de)  
REINIGUNGSSYSTEM MIT EINER AUSWRINGVORRICHTUNG FÜR EINEN FLACHWISCHER

Title (fr)  
SYSTÈME DE NETTOYAGE AVEC DISPOSITIF D'ESSORAGE POUR UN BALAI "LAVAGE A PLAT"

Publication  
**EP 1482829 A2 20041208 (DE)**

Application  
**EP 03704501 A 20030130**

Priority  
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Abstract (en)  
[origin: US2003167589A1] A squeezing device for a wiping cover of a flat-body wiper, the wiper cover hanging downward and partially detached from a wiper plate of the flat-body wiper in a vertical position of the wiper plate, the wiper plate including a downward facing pressure surface in the vertical position. The squeezing device includes a funnel-shaped squeezing shaft having a counterpressure surface in a lower region of the squeezing shaft. The squeezing shaft is configured to receive the wiper cover and at least a portion of the wiper plate in the vertical position of the wiper plate so that a squeezing pressure of the pressure surface against the counterpressure surface squeezes out the wiper cover. The squeezing shaft includes stabilizing devices configured to stabilize the wiper plate against tipping relative to a first plane from the vertical position. In addition a cleaning system including the squeezing device and a method of squeezing a wiping cover of a flat-body wiper with the squeezing device.

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**A47L 13/58**

IPC 8 full level  
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CPC (source: EP US)  
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