

Title (en)  
Cylinder cleaning device

Title (de)  
Walzenwaschvorrichtung

Title (fr)  
Dispositif de nettoyage d'un cylindre

Publication  
**EP 0795402 B1 20020710 (EN)**

Application  
**EP 97104146 A 19970312**

Priority  
• JP 8571196 A 19960314  
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• JP 30732196 A 19961031  
• JP 33022496 A 19961127

Abstract (en)  
[origin: EP0795402A1] Divided shaft members (6A,6B) constitute a cleaning fabric take-up shaft (6), and are secured at both ends by shaft member fixing means that is attached to a side plate. Shaft member fixing portions (10) include a shaft end supporter (11), for supporting the end of the shaft member; and a plug (13) that is fitted to a shaft receiving section. A wedge portion (12) is provided, which runs across the center of the shaft end supporter and is projected linearly. When this wedge portion is inserted between the shaft members, the diameter of the shaft is increased. At this time, the winding of the cleansing fabric is performed. To dispose of the wound cleaning fabric, the shaft members are detached from the shaft member fixing portions and the wedge is extracted from the shaft members, so that the diameter is reduced, and the cleaning fabric is disengaged from the shaft members. As a result, the cleaning fabric take-up shaft can be removed from the cleaning fabric roll. <IMAGE>

IPC 1-7  
**B41F 35/00**

IPC 8 full level  
**B41F 35/00** (2006.01); **B65H 75/24** (2006.01); **B65H 75/28** (2006.01)

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**B41F 35/00** (2013.01 - EP KR); **B65H 75/24** (2013.01 - EP KR US); **B65H 75/243** (2013.01 - EP KR US); **B65H 75/28** (2013.01 - EP); **B41P 2235/24** (2013.01 - EP); **B41P 2235/244** (2013.01 - EP); **B65H 2301/414225** (2013.01 - EP)

Cited by  
WO02102596A1; DE102005034041B4; CN109366799A; DE10018425A1; DE102007013804B4; JP2007283769A; CN103803351A; DE10128224A1; DE19906726B4; JP2015120591A; US10864558B2; US6237492B1; WO2004050368A1

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