

Title (en)  
Cleaning device for an auto-winder

Title (de)  
Reinigungsvorrichtung für eine automatische Aufspulmaschine

Title (fr)  
Dispositif de nettoyage pour un bobinoir automatique

Publication  
**EP 0818410 A3 19980422 (EN)**

Application  
**EP 97109881 A 19970617**

Priority  
JP 19827696 A 19960708

Abstract (en)  
[origin: EP0818410A2] A cleaning device for an auto-winder arranged with a cleaning air blowing hole and a cleaning air suction hole on each winding unit of the auto-winder and where fly waste is not dispersed out of the auto-winder due to the production of a flow of cleaning air that circulates inside the auto-winder of each winding unit. Furthermore, cleaning air is blown from the blowing hole towards the winding unit. Then the cleaning air blown from the blowing hole is sucked into the suction hole and returned once again to the blowing hole.

IPC 1-7  
**B65H 54/70**

IPC 8 full level  
**B65H 54/70** (2006.01); **B65H 54/88** (2006.01); **D01H 11/00** (2006.01)

CPC (source: EP)  
**B65H 54/702** (2013.01); **B65H 2701/31** (2013.01)

Citation (search report)

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- [Y] PATENT ABSTRACTS OF JAPAN vol. 095, no. 008 29 September 1995 (1995-09-29)
- [Y] PATENT ABSTRACTS OF JAPAN vol. 018, no. 368 (M - 1637) 12 July 1994 (1994-07-12)

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Designated contracting state (EPC)  
AT BE CH DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

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