

Title (en)  
Fly waste gathering device, textile machine, and fly waste gathering method

Title (de)  
Schmutzsammelvorrichtung, Textilmaschine and Schmutzsammelverfahren

Title (fr)  
Dispositif de collecte de bouchon, machine textile et procédé de collecte de bouchons

Publication  
**EP 2543757 A2 20130109 (EN)**

Application  
**EP 12159017 A 20120312**

Priority  
JP 2011149139 A 20110705

Abstract (en)  
A fly waste gathering device (6) includes a fly waste gathering box (31) with a fly waste gathering chamber (37), an introducing section (34) adapted to introduce air to the fly waste gathering chamber (37), and a first discharging section (35) and a second discharging section (36) adapted to discharge the air in the fly waste gathering chamber (37); a suction fan (32) connected to the first discharging section (35) and adapted to depressurize the fly waste gathering chamber (37) ; and a filter (39) adapted to catch the fly waste in the air discharged from the first discharging section (35). The second discharging section (36) is connected to a main blower. The fly waste gathering device (6) further includes an open/close means (41) adapted to open/close the second discharging section (36) and a shielding member (40) adapted to narrow an opening area of the introducing section (34).

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

CPC (source: EP)  
**B65H 54/702** (2013.01); **D01H 11/006** (2013.01); **B65H 2701/31** (2013.01)

Citation (applicant)  
• JP H082819 A 19960109 - MURATA MACHINERY LTD  
• JP 2004308107 A 20041104 - MURATA MACHINERY LTD

Cited by  
EP3141507A1; CN106070070A; EP3141508A1

Designated contracting state (EPC)  
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)  
BA ME

DOCDB simple family (publication)  
**EP 2543757 A2 20130109; EP 2543757 A3 20150506**; CN 102864535 A 20130109; JP 2013014860 A 20130124

DOCDB simple family (application)  
**EP 12159017 A 20120312**; CN 201210109501 A 20120413; JP 2011149139 A 20110705