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(54) Title: DUST COLLECTION DEVICE FOR SANDING TOOL

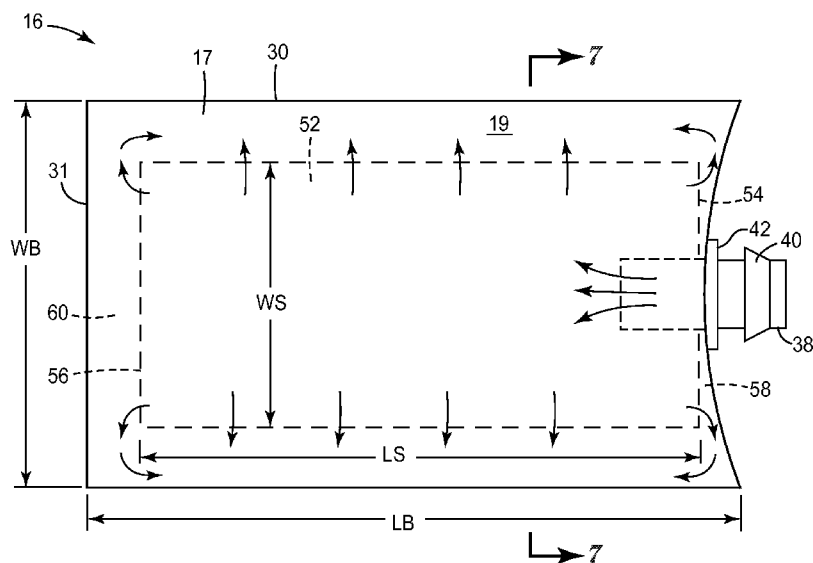


Fig. 6

(57) Abstract: A dust collection device for a sanding tool includes a paper bag having a sidewall with an inner surface and a coupler attached to the bag. The sidewall comprises at least one filter layer and an outer support layer. A sleeve having an outer surface, a sleeve sidewall, a first end, a second end, and at least one gap at either the first end or the second end is positioned within the bag. The sleeve's first end is positioned adjacent the coupler to direct incoming air towards the sleeve and the sleeve is positioned within the bag such that a bypass volume is present between the outer surface and the inner surface



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According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

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Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Korean utility models and applications for utility models

Japanese utility models and applications for utility models

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

eKOMPASS(KIPO internal) & Keywords: dust, collection, filter, paper bag, sleeve

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US 2002-0031992 A1 (EARL R. CLOWERS et al.) 14 March 2002 See the abstract, claims and figures.	1-13
A	EP 1477273 A1 (VALENTINI, GUIDO) 17 November 2004 See the abstract, claims and figures.	1-13
A	JP 2001-179627 A (FORMICS KK) 03 July 2001 See the abstract, claims and figures.	1-13
A	JP 2003-053654 A (TECHTRONIC IND CO., LTD.) 26 February 2003 See the abstract, claims and figures.	1-13
A	JP 2008-068373 A (THREE M INNOVATIVE PROPERTIES CO) 27 March 2008 See the abstract, claims and figures.	1-13



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