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(54) Title: SELF-CLEANING PET LITTER BOX

(57) Abstract: A self-cleaning pet litter box assembly (10) for separation and removal of clumped material from clean litter material includes an open-top pet litter container (12) for holding litter and being mounted for rotation on a substantially horizontal plane, a conveyor (15) having an axis and an exit end (35), being positioned to extend into the container (12) to contact litter within the container (12) and rotating about the axis so as to separate clumped material from clean litter material and direct the separated-out clumped material away toward the exit end (35), and a drive mechanism (13) operatively connected to at least one of the container (12) and the conveyor (15) to rotate the container (12).



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B FIELDS SEARCHED Minimum documentation searched (classification system followed by classification symbols) IPC(B) - A01K 1/035 (2008 04) USPC - 119/166 Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched Electronic data base consulted during the international search (name of data base and, where practicable, search terms used) PatBase		
C DOCUMENTS CONSIDERED TO BE RELEVANT		
Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No
X	US 6,401,661 B 1 (EMERY) 11 June 2002 (11 06 2002) entire document	1-25
A	US 2005/01 72909 A 1 (EMERY) 11 August 2005 (11 08 2005) entire document	1-25
A	US 6,568,348 B 1 (BEDARD) 27 May 2003 (27 05 2003) entire document	1-25
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