

Title (en)  
VACUUM INDUCTION HEAD WITH DUST-BEATING APPARATUS

Title (de)  
VAKUUMINDUKTIONSKOPF MIT STAUBKLOPFVORRICHTUNG

Title (fr)  
TÊTE D'ASPIRATION ÉQUIPÉE D'UN APPAREIL CONÇU POUR BATTRE UN OBJET AFIN D'EN CHASSER LA POUSSIÈRE

Publication  
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Application  
**EP 08753693 A 20080523**

Priority  
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Abstract (en)  
[origin: WO2008143485A2] The present invention relates to a vacuum cleaning suction head for a vacuum cleaner where the dumping function is added, more particularly to a vacuum cleaning suction head capable of beating the cleaning object such as the bed mattress, the blanket, the carpet and the clothe in elastic and removing the dust (and/or the dirt, the bacteria such as the rat mites, and etc.) infiltrated into the cleaning object in efficiency. According to a preferred example, the vacuum cleaning suction head includes a lower case and an upper case for covering the lower case, an electric motor generating the rotation force for beating the surface of a surface of the cleaning object to be cleaned, a rotary drum which is cooperated with the electric motor and has at least one cleaning object beating module lifting protrusion formed on the periphery surface thereof, and a beating module having a plurality of beating rods or a beating member for elastically beating the cleaning object, the beating rods and the beating member having respectively an front tip which is accumulated with the elasticity force by the cleaning object beating module lifting protrusion in accordance with the rotation of the motor.

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Citation (search report)  
• [A] JP H01223917 A 19890907 - TOKYO ELECTRIC CO LTD  
• [A] US 3615819 A 19711026 - CAULEY THOMAS K  
• [A] GB 338414 A 19301120 - SAMUEL GOTTFRID SVENSSON  
• See references of WO 2008143485A2

Cited by  
DE102015105061A1; DE102015105061B4

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