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Van Den Bogert

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(54) **ROBOTIC VACUUM CLEANING**

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See application file for complete search history.

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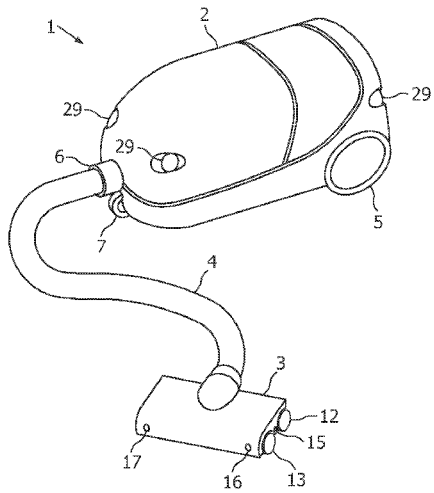
(57) **ABSTRACT**

A robotic vacuum cleaner including a control system and a suction nozzle with a cleaning brush. The control system controls at least one of frequency and intensity of contact between the cleaning brush and each brushable portion of a floor surface to be cleaned such that at least one of the frequency and the intensity of contact between the cleaning brush and the floor surface decreases with a decrease of the distance to the at least one boundary of the floor surface.

12 Claims, 3 Drawing Sheets