

Title (en)
Sootblower with single traveling limit switch utilizing state logic controls

Title (de)
Russbläser mit einem reisenden Schalter mit Kontroler

Title (fr)
Souffleur de suie avec interrupteur navettant et contrôleur

Publication
EP 1582836 A1 20051005 (EN)

Application
EP 05004051 A 20050224

Priority
US 81280704 A 20040330

Abstract (en)
The present invention provides a system for controlling a retractable sootblower having a frame, a movable carriage, a limit switch mounted on the movable carriage, a first switch control device, and a second switch control device. The frame supports the movable carriage, allowing the movable carriage to move between an extended and retracted position. The limit switch is mounted on the carriage and configured to sense both the first switch control device and the second switch control device. The first switch control device is positioned such that the limit switch will sense the first switch control device when the carriage is in the extended position. The second switch control device is positioned such that the limit switch will sense the second switch control device when the carriage is in the retracted position. The sootblower also includes a motor for driving the movable carriage between the extended and retracted positions, and a controller electrically coupled to the limit switch and configured to reverse the motor travel in response to the limit switch sensing the first switch control device.

IPC 1-7
F28G 1/16; **F28G 15/06**

IPC 8 full level
F28G 1/16 (2006.01); **F28G 15/06** (2006.01)

CPC (source: EP US)
F28G 1/16 (2013.01 - EP US); **F28G 15/06** (2013.01 - EP US)

Citation (search report)

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Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)
EP 1582836 A1 20051005; CA 2498487 A1 20050930; US 2005217060 A1 20051006

DOCDB simple family (application)
EP 05004051 A 20050224; CA 2498487 A 20050225; US 81280704 A 20040330