

Title (en)
Motor grader broom.

Title (de)
Besen für Planierfahrzeuge.

Title (fr)
Balai pour graders.

Publication
EP 0123549 A2 19841031 (EN)

Application
EP 84302735 A 19840424

Priority
US 48808483 A 19830425

Abstract (en)
A rotary broom attachment (2), for a motor grader which has a mold board (4) and means (8) to adjust the mold board for vertical elevation, side shift, and rotary position about vertical and horizontal axes, is mounted behind and parallel to the mold board and has independent adjustment and control means (28, 29) for side shift and vertical positioning of the broom relative to the mold board. Sensors are used to signal automatic shifting of the broom vertically or in side shift to avoid interference with the motor grader structure as well as obstacles in the path of the broom. The downward pressure of the broom is controlled by the proportional lift applied thereto by a hydraulic lift means.

IPC 1-7
E02F 3/76; E01H 1/05

IPC 8 full level
E01H 1/05 (2006.01); **E02F 3/76** (2006.01); **E02F 3/815** (2006.01); **E02F 3/84** (2006.01)

CPC (source: EP)
E01H 1/056 (2013.01); **E02F 3/7604** (2013.01); **E02F 3/765** (2013.01); **E02F 3/8155** (2013.01); **E02F 3/845** (2013.01)

Cited by
EP0210347A3; EP0270674A4; CN107882089A; EP0882843A3; EP0843047A1; EP0284600A3; US9938689B2

Designated contracting state (EPC)
DE GB SE

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EP 0123549 A2 19841031; **EP 0123549 A3 19850522**; CA 1224919 A 19870804; JP S6016624 A 19850128; NO 841610 L 19841025

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