

Title (en)
SNOW SWEEPER WITH A ROTATING CYLINDRICAL BRUSH

Publication
EP 0210347 B1 19891206 (DE)

Application
EP 86105741 A 19860425

Priority
DE 3526883 A 19850726

Abstract (en)
[origin: US4760657A] A snow-sweeping roller for replaceable attachment to a utility road vehicle (1) having brush-equipped roller (4) rotatably affixed at the underside of the vehicle. To achieve low-wear operation of the sweeper roller (4) and simultaneously low energy consumption, a control device is provided for adjusting and changing roller rpm in accordance with the following factors: (a) The circumferential speed (w) of the roller changes in proportion to vehicle speed (f); (b) The circumferential speed (w) of the roller has a ratio to the vehicle speed (f) that ranges from unity to two; and (c) A minimum value of the circumferential speed (w-min) of the roller is established for when the vehicle is moving slowly or is stationary.

IPC 1-7
E01H 1/05; **E01H 5/09**

IPC 8 full level
E01H 1/05 (2006.01); **E01H 5/09** (2006.01)

CPC (source: EP US)
E01H 1/056 (2013.01 - EP US); **E01H 5/092** (2013.01 - EP US)

Cited by
EP0296563A1; EP1712683A3; CN106638434A; AT397826B; EP0882843A3; DE4001088A1; DE4001088C2

Designated contracting state (EPC)
AT CH DE FR GB IT LI SE

DOCDB simple family (publication)
EP 0210347 A2 19870204; **EP 0210347 A3 19871111**; **EP 0210347 B1 19891206**; AT E48455 T1 19891215; DE 3526883 A1 19870205; DE 3526883 C2 19870625; DE 3667312 D1 19900111; NO 164554 B 19900709; NO 164554 C 19901017; NO 862663 D0 19860701; NO 862663 L 19870127; US 4760657 A 19880802

DOCDB simple family (application)
EP 86105741 A 19860425; AT 86105741 T 19860425; DE 3526883 A 19850726; DE 3667312 T 19860425; NO 862663 A 19860701; US 89040786 A 19860728