

Title (en)
Manure shovel with rotating handle holder

Title (de)
Mistschieber mit rotierendem Stielhalter

Title (fr)
Coulissant de fumier avec porte-manche rotatif

Publication
EP 1655111 A1 20060510 (EN)

Application
EP 05077408 A 20051021

Priority
NL 1027441 A 20041108

Abstract (en)
The invention relates to a mechanism in which the shovel blade (5) of a manure shovel can rotate flexibly about the handle (1) of this manure shovel. The handle holder (2) is constructed in such a way that the manure shovel follows the movements of the handle (1) and therefore remains in contact with the ground surface. The rotating function of the handle holder (2) means it is possible to move the handle (1) at an angle in relation to the shovel blade (5). The rotatability of the handle holder (2) means that the shovel blade (5) can be turned over.

IPC 8 full level
B25G 1/06 (2006.01); **B25G 3/06** (2006.01); **B25G 3/38** (2006.01)

CPC (source: EP)
B25G 1/06 (2013.01); **B25G 3/06** (2013.01); **B25G 3/38** (2013.01)

Citation (search report)

- [A] US 366790 A 18870719 - ORTHER CHARLES [US]
- [A] EP 0697269 A2 19960221 - MELICONI SPA [IT]
- [A] US 3206235 A 19650914 - DON ALBINSON, et al
- [A] DE 8909295 U1 19891116
- [A] DE 874455 C 19530423 - BENDMANN PETER

Cited by
US11713550B1

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