

Title (en)
Device for rotary snow plough.

Title (de)
Einrichtung an Schneefraesschleuder.

Title (fr)
Dispositif pour fraiseuse de neige.

Publication
EP 0493663 B1 19941026 (DE)

Application
EP 91118880 A 19911106

Priority
CH 386390 A 19901206

Abstract (en)
[origin: EP0493663A1] The rotary snow plough, which has a chassis (4) and an engine (10), has a housing (24) for the cutting drum (20). Two hold-down members designed as skids (30) are mounted on this at ground level. <??>At their front ends (40), which lie in front of the cutting drum in the direction of travel, the skids are of wedge-shaped design. When the skids penetrate into the snow during the clearing work, a downward force component arises at the skids due to the wedge shape. This counteracts the tendency of the rotary snow plough to climb up onto the snow. The hold-down members accordingly maintain contact with the ground and ensure that the snow is cleared uniformly and close to the ground. <IMAGE>

IPC 1-7
E01H 5/09; **E01H 5/07**

IPC 8 full level
E01H 5/09 (2006.01); **E01H 5/04** (2006.01)

CPC (source: EP US)
E01H 5/04 (2013.01 - EP US)

Cited by
CN106368151A

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

DOCDB simple family (publication)
EP 0493663 A1 19920708; **EP 0493663 B1 19941026**; AT E113327 T1 19941115; CA 2057091 A1 19920607; CA 2057091 C 19951024; DE 59103356 D1 19941201; ES 2062643 T3 19941216; JP 2533576 Y2 19970423; JP H04289307 A 19921014; JP H0744765 U 19951128; US 5203102 A 19930420

DOCDB simple family (application)
EP 91118880 A 19911106; AT 91118880 T 19911106; CA 2057091 A 19911205; DE 59103356 T 19911106; ES 91118880 T 19911106; JP 256195 U 19950306; JP 32647791 A 19911114; US 79795891 A 19911126