

Title (en)

SCRAPING DEVICE WITH LATERAL WINGS

Title (de)

ABSTREIFVORRICHTUNG MIT SEITLICHEN FLÜGELN

Title (fr)

DISPOSITIF DE RACLAGE AVEC AILETTES LATÉRALES

Publication

EP 4033030 A1 20220727 (EN)

Application

EP 22151723 A 20220117

Priority

SE 2150083 A 20210126

Abstract (en)

A scraping device mountable to a vehicle and comprising a central base part and two lateral wings arranged on opposite sides of the base part and mounted to a respective support frame that is hinged to the base part, wherein each lateral wing (10a) is, by a main hydraulic cylinder (30a), pivotable in relation to the base part about a pivot axis together with the associated support frame (20a) between a swung-in non-operative position and a swung-out operative position. Each lateral wing is slidable upwards and downwards in relation to the associated support frame between a lowermost position and an uppermost position in directions parallel to the pivot axis. Each lateral wing is, by a lifting mechanism and an auxiliary hydraulic cylinder that are mounted to the support frame of the lateral wing, liftable upwards in relation to the support frame from its lowermost position to a raised resting position.

IPC 8 full level

E01H 5/06 (2006.01)

CPC (source: EP SE)

E01H 5/06 (2013.01 - EP); **E01H 5/061** (2013.01 - SE); **E01H 5/062** (2013.01 - SE); **E01H 5/063** (2013.01 - SE); **E01H 5/067** (2013.01 - EP SE); **E02F 3/8152** (2013.01 - SE)

Citation (applicant)

SE 525295 C2 20050125 - SILJUM MEKAN AB [SE]

Citation (search report)

- [XI] US 4356645 A 19821102 - HINE GORDON, et al
- [XDI] SE 525295 C2 20050125 - SILJUM MEKAN AB [SE]

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

EP 4033030 A1 20220727; **EP 4033030 B1 20231108**; FI 4033030 T3 20231117; SE 2150083 A1 20220727; SE 544607 C2 20220920

DOCDB simple family (application)

EP 22151723 A 20220117; FI 22151723 T 20220117; SE 2150083 A 20210126