

Title (en)

Street construction machine for working on road surfaces

Title (de)

Straßenbaumaschine zum Bearbeiten von Fahrbahnen

Title (fr)

Engin de construction routière destiné à traiter les chaussées

Publication

EP 2365133 A3 20150311 (DE)

Application

EP 11000323 A 20110117

Priority

- DE 102010009834 A 20100302
- DE 102010034662 A 20100818

Abstract (en)

[origin: EP2365133A2] The machine has a swivel unit comprising a swivel arm that carries a rear support wheel on a null side. A pivot gear controls adjustment of the swivel unit between an outwardly pivoted position and an inwardly pivoted position around a swivel axis (17) of a link joint (13), where the pivot gear is a spatial gear. A thrust member is adjustable along vertical direction. The pivot gear comprises a deflection device, which is arranged in a manner such that the deflection device deflects vertical movement of the thrust member to horizontal inwardly and outwardly pivoting movement of the swivel arm. The spatial gear is a coupling gear.

IPC 8 full level

E01C 19/00 (2006.01); **E01C 23/088** (2006.01)

CPC (source: EP US)

E01C 19/00 (2013.01 - EP US); **E01C 23/088** (2013.01 - EP US)

Citation (search report)

- [A] DE 102004059881 A1 20060713 - WIRTGEN GMBH [DE]
- [A] DE 3903482 A1 19900823 - WIRTGEN GMBH [DE]
- [AD] DE 19631042 C2 20000608 - WIRTGEN GMBH [DE]

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 2365133 A2 20110914; **EP 2365133 A3 20150311**; **EP 2365133 B1 20151223**; CN 102191741 A 20110921; CN 102191741 B 20131030; DE 102010034662 A1 20110908; US 2011217120 A1 20110908; US 8297876 B2 20121030

DOCDB simple family (application)

EP 11000323 A 20110117; CN 201110049315 A 20110301; DE 102010034662 A 20100818; US 201113039041 A 20110302