

Title (en)

Screed unit for paver with a coupling system for extension sectors

Title (de)

Strassenfertiger mit Verbindungssystem für Ausziehbohle

Title (fr)

Finisseur de route avec un système de couplage pour poutre lisseuse extensible

Publication

EP 2377998 A2 20111019 (EN)

Application

EP 11003040 A 20110412

Priority

IT UD20100074 A 20100413

Abstract (en)

Screed unit for paver finisher, of the type comprising a main screed, end plates and extension sectors which can be reciprocally aligned by means of adjusters and which can be reciprocally coupled. The main screed, end plates and extension sectors can be coupled and aligned by means of a coupling means operating according to a coupling system using fixing and clamping means with screws/bolts in fixing holes, in which alignment and disalignment means are provided of one unit to be coupled with respect to the other unit to be coupled with a movement with respect to the alignment axis, the alignment and disalignment means being linked/linkable to an undercut coupling means in which the coupling means consists of a male element and a female element, one of male element and female element being fixed in correspondence with at least one of the side-walls of the screed unit, the other one of male element and female element being fixed in correspondence with at least one of the side-walls of extension sector.

IPC 8 full level

E01C 19/48 (2006.01)

CPC (source: EP)

E01C 19/48 (2013.01); **E01C 2301/14** (2013.01)

Citation (applicant)

- US 3712189 A 19730123 - BIRTCHET R, et al
- US 6190087 B1 20010220 - ROEWER HELMUT [DE]

Cited by

DE102013000788A1; EP3085834A1; DE102015006250B4; US11255057B2; DE102015006250A1; US10208435B2

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 2377998 A2 20111019; **EP 2377998 A3 20160629**; **EP 2377998 B1 20180613**; IT 1399575 B1 20130419; IT UD20100074 A1 20111014

DOCDB simple family (application)

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