

Title (en)

WEAR ASSEMBLY FOR EARTH MOVING MACHINE

Title (de)

VERSCHLEISSANORDNUNG FÜR ERDFÖRDERUNGSMASCHINE

Title (fr)

ENSEMBLE D'USURE POUR MACHINE DE TERRASSEMENT

Publication

EP 3040485 A2 20160706 (EN)

Application

EP 15197043 A 20151130

Priority

IT BG20140061 A 20141230

Abstract (en)

Wear assembly (1) comprising a wear tooth (2) comprising a wall (4) that defines a pocket (6) and at least one through hole (8, 8') communicating with the pocket, an adapter (10) with a connection point (12) inserted into the pocket (6) in a removable manner and defining a pin cavity (14) aligned with the through hole (8, 8'), a blocking pin (16) between the tooth (2) and adapter (10), inserted in the through hole (8, 8') and in the pin cavity (14) rotatably and comprising at least a first blocking element (18), and a second blocking element (20, 20') associated to the wear tooth (2) or to the adapter (10). The elements (18, 20, 20') are mutually arranged in such a way that, through rotation of the blocking pin (16) in a direction, the first blocking element (18) intercepts the second (20, 20') to block the pin in the pin cavity (14). In addition, one of said elements (20, 20') is deformable so that, through a further rotation in the same direction, this element disengages from the other element (18) allowing the extraction of the pin from the cavity.

IPC 8 full level

E02F 9/28 (2006.01)

CPC (source: EP)

E02F 9/2833 (2013.01); **E02F 9/2841** (2013.01); **E02F 9/285** (2013.01)

Cited by

CN113293817A; CN110847276A; CN113227507A; AU2018264144A1; AU2018264144B2; US2022002982A1; US10954656B2

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 3040485 A2 20160706; **EP 3040485 A3 20161019**; **EP 3040485 B1 20180725**; DK 3040485 T3 20181029; ES 2692403 T3 20181203; PT 3040485 T 20181107

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