

Title (en)
ASSEMBLY FOR EXCHANGEABLY FASTENING AN ADD-ON, FOR EXAMPLE AN EXCAVATOR SHOVEL, TO AN EXCAVATOR BOOM OR A VEHICLE

Title (de)
ANORDNUNG ZUM AUSWECHSELBAREN BEFESTIGEN EINES ANBAUTEILES, Z.B. EINER BAGGERSCHAUFEL, AN EINEM BAGGERAUSLEGER ODER EINEM FAHRZEUG

Title (fr)
DISPOSITIF DE FIXATION INTERCHANGEABLE D'UNE PIECE RAPPORTEE TELLE QU'UNE PELLE, A UNE FLECHE DE PELLE OU A UN VEHICULE

Publication
EP 1325196 B1 20040707 (DE)

Application
EP 01986733 A 20011008

Priority
• AT 17202000 A 20001010
• EP 0111623 W 20011008

Abstract (en)
[origin: WO0231271A2] The invention relates to a an assembly for exchangeably fastening an add-on, for example an excavator shovel (2), to an excavator boom (3), whereby retaining bolts (4, 5) spaced apart (A) in parallel are disposed on the excavator shovel (2). Said retaining bolts (4, 5) can be gripped by grippers (6, 7) mounted on the excavator shovel (3) that can be hydraulically adjusted relative each other. Said grippers (6, 7) have open insertion openings (8, 9) for the retaining bolts (4, 5) in directions facing away from each other. The longitudinal axis (10) of the hydraulic drive (11) for adjusting the grippers (6, 7), the center axis (12, 13) of the retaining bolts (4, 5) and the center axis (14, 15) of the insertion openings (8, 9) on the grippers (6, 7) are at least approximately arranged in one plane (16). One gripper (6) is retained in parallel to the axis of the drive (11) in a guide (17) and can be linearly displaced. The parts of the hydraulic or pneumatic drive (11), namely the cylinder (20) and the piston (21) are firmly linked with the grippers (6, 7).

IPC 1-7
E02F 1/00

IPC 8 full level
E02F 1/00 (2006.01); **E02F 3/36** (2006.01)

CPC (source: EP US)
E02F 3/3618 (2013.01 - EP US); **E02F 3/3663** (2013.01 - EP US)

Cited by
WO2014060902A1; EP3699362A1

Designated contracting state (EPC)
AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE TR

DOCDB simple family (publication)
WO 0231271 A2 20020418; WO 0231271 A3 20020919; AT 410333 B 20030325; AT A17202000 A 20020815; AT E270732 T1 20040715; AU 1821702 A 20020422; CA 2425526 A1 20020418; CA 2425526 C 20090414; DE 50102808 D1 20040812; DK 1325196 T3 20041115; EP 1325196 A2 20030709; EP 1325196 B1 20040707; ES 2223010 T3 20050216; HR P20030270 A2 20030630; HR P20030270 B1 20070131; HU 225560 B1 20070328; HU P0302381 A2 20031028; HU P0302381 A3 20060328; PT 1325196 E 20041130; SI 1325196 T1 20041231; TR 200402598 T4 20041122; US 2004028515 A1 20040212; US 7004712 B2 20060228

DOCDB simple family (application)
EP 0111623 W 20011008; AT 01986733 T 20011008; AT 17202000 A 20001010; AU 1821702 A 20011008; CA 2425526 A 20011008; DE 50102808 T 20011008; DK 01986733 T 20011008; EP 01986733 A 20011008; ES 01986733 T 20011008; HR P20030270 A 20030409; HU P0302381 A 20011008; PT 01986733 T 20011008; SI 200130162 T 20011008; TR 200402598 T 20011008; US 39898103 A 20030410