

Title (en)
Quick-action coupling for excavator attachment

Title (de)
Schnellkupplung eines Arbeitsvorsatzes an Baggern

Title (fr)
Accouplement rapide d'un accessoire à une pelle mécanique

Publication
EP 0674053 B1 19991201 (DE)

Application
EP 95104275 A 19950323

Priority
DE 4410194 A 19940324

Abstract (en)
[origin: EP0674053A2] The coupling has a clamp screw screwed into a threaded aperture in the arm of the moveable seat block (5). The screw is turnably held in a counter pressure plate. The plate is fixed in the seat and fastening device. It is formed as a bolt plate, which is pivoted into a release position. The seat block is connected to a pretensioned spring (14), and is moved into the release position by the force of the spring. The seat block is moveable downwards at an angle to the connection line between the two seat blocks. The angle between connection line and movement direction is approx. 15 degrees .

IPC 1-7
E02F 3/36

IPC 8 full level
E02F 3/36 (2006.01)

CPC (source: EP)
E02F 3/3622 (2013.01); **E02F 3/364** (2013.01); **E02F 3/3663** (2013.01); **E02F 3/3668** (2013.01); **E02F 3/3672** (2013.01)

Cited by
DE202013002103U1; DE19507896A1; CN108431334A; US11208785B2; DE102010006692A1; WO9846835A1; WO2007058545A1; WO9728314A1

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

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EP 0674053 A2 19950927; EP 0674053 A3 19960424; EP 0674053 B1 19991201; AT E187220 T1 19991215; DE 4410194 A1 19951005; DE 59507299 D1 20000105; DK 0674053 T3 20000529; ES 2139767 T3 20000216; GR 3032345 T3 20000427; PT 674053 E 20000428; SI 0674053 T1 20000630

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