

Title (en)

Coupling device for coupling an implement to a back-hoe arm

Title (de)

Kupplungsvorrichtung zum Anschluss eines Werkzeuges an einem Baggerausleger

Title (fr)

Fixation d'un outil à l'extrémité d'un bras de machine de chantier

Publication

**EP 0609176 B1 19960904 (FR)**

Application

**EP 94810027 A 19940117**

Priority

CH 22693 A 19930126

Abstract (en)

[origin: EP0609176A1] The coupling comprises a male end piece (1) intended to be coupled to the end of the arm of the machine, and a female piece (2) integral with a tool. These two pieces are engaged in one another by means of a ramp system (4, 5, 14, 15) which presses the two pieces against each other. This engagement is maintained without play by a wedge-shaped bolt (24) urged by a spring (31) acting on a crank (297) equipped with a pawl (32, 33). The bolt is further mounted on a sliding shaft (26) making it possible laterally and vertically to move the bolt away from the limit stop (22), the bolt being fastened to a finger (38) to allow the engagement and disengagement of the pieces (1, 2) of the device.  
<IMAGE>

IPC 1-7

**E02F 3/36**

IPC 8 full level

**E02F 3/36** (2006.01)

CPC (source: EP)

**E02F 3/364** (2013.01)

Cited by

US10301791B2; ITUA20162401A1; ES2230981A1; EP1353011A1; US2018038062A1; US10458094B2; WO2017175252A1; WO2004065699A1

Designated contracting state (EPC)

AT DE FR IT

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