

Title (en)  
Implement for an excavator

Title (de)  
Arbeitsgerät für einen Bagger

Title (fr)  
Outil pour une excavatrice

Publication  
**EP 1837445 B1 20091111 (DE)**

Application  
**EP 07090046 A 20070314**

Priority  
DE 102006013451 A 20060320

Abstract (en)  
[origin: EP1837445A2] The working device (10) has a hydraulic excavator (1) with multipart arms (8). A rotary carrier is attachable at the free end of the final arm (9) with a holder (18) for an upper side of grip arm shells (19,20) of grip arm. The grip arm is convertible to a spoon by mechanical blocking of the closed grip arm shells at the holder. The grip arm shells are stored in drag axis (11,12) at the holder and are coupled mechanically with one another.

IPC 8 full level  
**E02F 3/413** (2006.01); **B66C 13/16** (2006.01); **E02F 3/30** (2006.01); **E02F 3/40** (2006.01)

CPC (source: EP)  
**B66C 3/02** (2013.01); **B66C 3/16** (2013.01); **E02F 3/303** (2013.01); **E02F 3/404** (2013.01); **E02F 3/4135** (2013.01)

Cited by  
CN104411893A; CN107429497A; EP3235957A4; WO2017161458A1; US10774501B2; US10774498B2

Designated contracting state (EPC)  
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DOCDB simple family (publication)  
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DE 102006013451 B4 20090917; DE 502007001937 D1 20091224

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