

Title (en)  
CANTILEVER ARM FOR A WORKING MACHINE

Title (de)  
TRAGARM FÜR EINE ARBEITSMASCHINE

Title (fr)  
BRAS PORTEUR POUR UNE MACHINE-OUTIL

Publication  
**EP 1984574 B1 20160323 (DE)**

Application  
**EP 06829677 A 20061216**

Priority  
• EP 2006012150 W 20061216  
• DE 102006005892 A 20060209

Abstract (en)  
[origin: WO2007090452A1] A cantilever arm for a working machine is to be provided whose form follows the expected component stresses to a high degree, which has a minimum self-weight and which can be produced with minimum outlay. This is achieved in that the cantilever arm is composed of at least one wall (10) which comprises at least one plate-shaped element (11) which has at least one planar cutout (12) tailored to the expected component stresses, wherein at least one cutout (12) is closed by a cladding element (14) having a thin wall in relation to the plate-shaped element (11).

IPC 8 full level  
**E02F 3/38** (2006.01); **E02F 9/14** (2006.01)

CPC (source: EP US)  
**E02F 3/301** (2013.01 - EP US); **E02F 3/38** (2013.01 - EP US)

Cited by  
EP3336262A1

Designated contracting state (EPC)  
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)  
**WO 2007090452 A1 20070816**; DE 102006005892 A1 20070823; EP 1984574 A1 20081029; EP 1984574 B1 20160323; JP 2009526148 A 20090716; JP 5014354 B2 20120829; US 2009223093 A1 20090910

DOCDB simple family (application)  
**EP 2006012150 W 20061216**; DE 102006005892 A 20060209; EP 06829677 A 20061216; JP 2008553630 A 20061216; US 27882808 A 20080808