

Title (en)

METHOD OF OPERATING A WORKING MACHINE FOR CONSTRUCTION VEHICLES

Title (de)

VERFAHREN ZUR VERWENDUNG EINES GEGLIEDERTEN ARMES FÜR BAUFAHRZEUGE

Title (fr)

PROCEDE D'UTILISATION D'UN BRAS ARTICULE POUR ENGINS DE CONSTRUCTION

Publication

EP 0399043 B1 19960110 (EN)

Application

EP 88910129 A 19881125

Priority

- JP 8801198 W 19881125
- JP 1823188 A 19880128
- JP 29946687 A 19871126
- JP 29946587 A 19871126

Abstract (en)

[origin: WO8904894A1] A working machine for construction vehicles, which is capable of being folded compactly when it is at rest and being converted into operational condition easily when it is to be operated, without requiring any special apparatus; and a method of operating the same working machine. This working machine is provided with a boom divided into first and second boom members, an arm connected pivotably to the front end portion of the second boom member, a bucket connected pivotably to the front end portion of the arm, and a plurality of hydraulic cylinders for driving these elements. The first boom member (12) is supported pivotably on one side of the base end portion thereof on a predetermined portion (13) of a chassis (10), and at a front end portion (15) thereof on one side of the base end portion of the second boom member (14). The first boom member (12) is adapted to be turned vertically by a first boom cylinder (17) which is supported pivotably at its base end portion on another predetermined portion (18) of the chassis, and at its front end section on a predetermined portion (20) of the front end section of the first boom member, the posture of the second boom member with respect to the first boom member being maintained by a retainer means (A).

IPC 1-7

E02F 3/38; **E02F 9/14**

IPC 8 full level

E02F 3/30 (2006.01); **E02F 9/22** (2006.01); **E02F 3/32** (2006.01); **E02F 3/42** (2006.01)

CPC (source: EP)

E02F 3/301 (2013.01); **E02F 3/32** (2013.01); **E02F 9/2239** (2013.01); **E02F 9/2292** (2013.01)

Citation (examination)

JP S47947 B1 19720111

Cited by

FR2718769A1; EP0791693A4; EP0607483A1; US5423655A; GB2285796B; US5584643A

Designated contracting state (EPC)

DE FR GB

DOCDB simple family (publication)

WO 8904894 A1 19890601; DE 3854897 D1 19960222; DE 3854897 T2 19960814; EP 0399043 A1 19901128; EP 0399043 A4 19910925; EP 0399043 B1 19960110

DOCDB simple family (application)

JP 8801198 W 19881125; DE 3854897 T 19881125; EP 88910129 A 19881125