

Title (en)

Construction machine, especially excavator.

Title (de)

Baumaschine, insbesondere Baggerfahrzeug.

Title (fr)

Machine de chantier, en particulier véhicule excavateur.

Publication

**EP 0640724 A3 19950719 (DE)**

Application

**EP 94112370 A 19940808**

Priority

DE 4328449 A 19930824

Abstract (en)

[origin: EP0640724A2] An excavator 1 has a boom 14 which is composed of three arm pieces 15 to 17 which are each pivotable individually by means of an allocated piston/cylinder unit 23 to 25. The centre piston/cylinder unit 24 runs virtually completely within the centre arm piece 16 and in this way is largely protected from damage due to striking an obstacle. <IMAGE>

IPC 1-7

**E02F 3/30**; **E02F 3/42**

IPC 8 full level

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

CPC (source: EP)

**E02F 3/301** (2013.01); **E02F 3/32** (2013.01)

Citation (search report)

- [XAY] EP 0226657 A1 19870701 - KOMATSU MFG CO LTD [JP]
- [XA] DE 9003519 U1 19900712
- [Y] WO 8102884 A1 19811015 - CATERPILLAR TRACTOR CO [US], et al

Cited by

EP2208827A3

Designated contracting state (EPC)

AT CH DE FR IT LI SE

DOCDB simple family (publication)

**EP 0640724 A2 19950301**; **EP 0640724 A3 19950719**; **EP 0640724 B1 19991027**; AT E186089 T1 19991115; DE 4328449 A1 19950302; DE 59408858 D1 19991202; NO 943011 D0 19940815; NO 943011 L 19950227

DOCDB simple family (application)

**EP 94112370 A 19940808**; AT 94112370 T 19940808; DE 4328449 A 19930824; DE 59408858 T 19940808; NO 943011 A 19940815