

Title (en)

Linkage for a power shovel arm

Title (de)

Gelenk für den Arm eines Baggers

Title (fr)

Articulation pour un bras d'excavatrice

Publication

**EP 0887475 B1 20030910 (EN)**

Application

**EP 97304570 A 19970626**

Priority

- EP 97304570 A 19970626
- JP 34211595 A 19951228

Abstract (en)

[origin: EP0887475A1] The excavator of the present invention is capable of widely moving a boom and limiting the total height of the excavator when the excavator is retracted. The excavator of the present invention comprises: a boom (1) whose one end is pivotably connected to a base section (3); an arm (4) whose one end is connected to the other end of the boom (1); a bucket (5) being attached to the other end of the arm (4); a boom cylinder (2) whose one end is pivotably connected to a mid position of the boom (1); a first link (8) whose one end is pivotably connected to the one end of the boom (1) and whose the other end is pivotably connected to the other end of the boom cylinder(2); and a second link (9) whose one end is pivotably connected to the base section (3) and whose the other end is pivotably connected to the other end of the first link (8). <IMAGE>

IPC 1-7

**E02F 3/38**; **E02F 3/30**

IPC 8 full level

**E02F 3/30** (2006.01); **E02F 3/38** (2006.01)

CPC (source: EP)

**E02F 3/302** (2013.01); **E02F 3/382** (2013.01)

Cited by

EP4056763A1; FR2856884A1; NL1033260C2; WO2006123948A2; WO2013097647A1; US9243123B2; DE102021106129A1

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