

Title (en)  
EXCAVATOR BOOM

Publication  
**EP 0376120 B1 19920624 (DE)**

Application  
**EP 89123435 A 19891219**

Priority  
DE 3843753 A 19881224

Abstract (en)  
[origin: US5054990A] An excavator arm with basic boom 12, intermediate boom 14 and shovel stem 16 with digging implement is connected to a support part 86 which can be driven directly or indirectly into rotation about a vertical axis 84. In order to dig trenches with vertical walls outside the longitudinal axis of the vehicle and to achieve an advantageous transport position, the intermediate boom 14 consists of a front part 14a, a rear part 14b and a common rotary joint 20, the most advantageous transport position being achieved by rotating by 180 DEG the front part 14a, about the axis of rotation 22 set vertically, from the extended operational position relative to the rear part 14b.

IPC 1-7  
**E02F 3/38**; **E02F 3/42**; **E02F 9/14**

IPC 8 full level  
**E02F 3/30** (2006.01); **E02F 3/38** (2006.01); **E02F 3/42** (2006.01); **E02F 9/14** (2006.01)

CPC (source: EP US)  
**E02F 3/303** (2013.01 - EP US); **E02F 3/307** (2013.01 - EP US); **E02F 3/32** (2013.01 - EP US); **E02F 3/425** (2013.01 - EP US)

Cited by  
WO9636775A1

Designated contracting state (EPC)  
AT BE DE ES FR GB IT NL SE

DOCDB simple family (publication)  
**EP 0376120 A1 19900704**; **EP 0376120 B1 19920624**; AT E77669 T1 19920715; DE 3843753 A1 19900628; DE 3843753 C2 19921029; DE 58901747 D1 19920730; US 5054990 A 19911008

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**EP 89123435 A 19891219**; AT 89123435 T 19891219; DE 3843753 A 19881224; DE 58901747 T 19891219; US 45030789 A 19891218