

Title (en)  
LIFT BOOM LINKAGE SYSTEM

Title (de)  
AUSLEGERGESTÄNGEANORDNUNG

Title (fr)  
SYSTEME D'ARTICULATION POUR FLECHE DE LEVAGE

Publication  
**EP 0821751 A1 19980204 (EN)**

Application  
**EP 96910128 A 19960422**

Priority  
• GB 9600955 W 19960422  
• GB 9508116 A 19950421

Abstract (en)  
[origin: GB2299979A] Handling apparatus of the type that includes a hydraulically actuated boom or jib (16) has a support structure carrying a boom pivot (28) to which a main boom arm (18) is pivoted. A boom actuator (24) is carried by a linkage (42) which is coupled to an additional actuator (48), this actuator and the linkage being pivoted on the fixed structure. The additional actuator displaces the boom actuator (24) bodily as the boom is raised and lowered. The invention is applicable especially to small excavators and increases the angle of depression of the boom without detriment to its angle of elevation.

IPC 1-7  
**E02F 3/30**

IPC 8 full level  
**E02F 3/30** (2006.01)

CPC (source: EP)  
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DE FR GB IT

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