

Title (en)  
Loader arm

Title (de)  
Laderschwinge

Title (fr)  
Bras de chargeur

Publication  
**EP 1152091 B1 20060628 (DE)**

Application  
**EP 01110548 A 20010428**

Priority  
DE 10022021 A 20000505

Abstract (en)  
[origin: EP1152091A2] A support arm for an excavator, or other lifting equipment, has a hollow cross section (26) and is slit along one side to take a reinforcing strip (30) which is welded to the profile. A simple design uses a rectangular cross section with the narrow sides uppermost and underneath. The slit is cut into a narrow side and runs the length of the arm. The arm can have tapering or parallel sides. The size and thickness of the reinforcing strip is selected to provide the required strength.

IPC 8 full level  
**E02F 3/34** (2006.01); **E02F 3/38** (2006.01); **E02F 9/14** (2006.01)

CPC (source: EP US)  
**E02F 3/34** (2013.01 - EP US); **E02F 3/38** (2013.01 - EP US); **Y10T 29/49625** (2015.01 - EP US)

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