

Title (en)
Loader arm

Title (de)
Laderschwinge

Title (fr)
Bras de chargeur

Publication
EP 1152091 A3 20030122 (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 1-7
E02F 3/34; **E02F 9/14**; **E02F 3/38**

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

Citation (search report)

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- [A] CH 393676 A 19650615 - NORTAG AKTIENGESELLSCHAFT [CH]
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- [A] CH 336789 A 19590315 - BAAS ERWIN [DE]
- [Y] PATENT ABSTRACTS OF JAPAN vol. 1996, no. 09 30 September 1996 (1996-09-30)

Designated contracting state (EPC)
AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE TR

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EP 1152091 A2 20011107; **EP 1152091 A3 20030122**; **EP 1152091 B1 20060628**; AT E331846 T1 20060715; CA 2346323 A1 20011105; CA 2346323 C 20050419; DE 10022021 A1 20011108; DE 50110308 D1 20060810; DK 1152091 T3 20061030; ES 2262571 T3 20061201; US 2001038789 A1 20011108; US 6527496 B2 20030304

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