

Title (en)
Front loader.

Title (de)
Frontlader.

Title (fr)
Pelle mécanique.

Publication
EP 0232844 A1 19870819 (DE)

Application
EP 87101488 A 19870204

Priority
US 82734786 A 19860207

Abstract (en)
A loading shovel (14) of a front loader (4) is pivotably connected to a loading beam (10) via a four-bar mechanism (20). A guide link (28) and a loading-shovel link (24) are substantially larger than the loading-beam link (22) in order to increase the working cycles of the loading shovel (14) with as little expenditure of force as possible and thus with a small hydraulic cylinder (16). <IMAGE>

Abstract (de)
Eine Ladeschaufel (14) eines Frontladers (4) ist über eine Vier-Gelenkeinrichtung (20) an eine Ladeschwinge (10) schwenkbar angeschlossen. Ein Führungslenker (28) und ein Ladeschaufellenker (24) sind wesentlich größer als der Ladeschwingenlenker (22), um mit einem möglichst kleinen Kraftaufwand und somit kleinem Hydraulikzylinder (16) die Arbeitszyklen der Ladeschaufel (14) zu erhöhen.

IPC 1-7
E02F 3/42; **E02F 3/40**; **E02F 3/34**

IPC 8 full level
E02F 3/38 (2006.01); **E02F 3/40** (2006.01); **E02F 3/42** (2006.01)

CPC (source: EP)
E02F 3/404 (2013.01); **E02F 3/422** (2013.01)

Citation (search report)
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EP 0232844 A1 19870819; AU 6808087 A 19870813; FI 870473 A0 19870204; FI 870473 A 19870808; JP S62185927 A 19870814

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