

Title (en)
Vertical lift loader boom.

Title (de)
Vertikal hebender Schaufelladerausleger.

Title (fr)
Flèche de pelleteuse-chargeuse à montée verticale.

Publication
EP 0474210 A1 19920311 (EN)

Application
EP 91114932 A 19910904

Priority
US 57764590 A 19900905

Abstract (en)
A loader boom assembly (10) has articulated lift arms that have first (28) and second (26) lift arm sections pivotally mounted together. The rear lift arm section (32) is pivotally mounted to rear portions of a prime mover frame (14). The main lift arm section (30) is substantially longer than the first lift arm section (28) and pivots on the outer end of the rear lift arm link (32). The lift arm sections (26, 28) are in a folded position when the lift arms are lowered, and a control link (66) is provided to cause the lift arms to unfold as the lift arms are raised to keep the forward portion of the main lift arm section moving along a generally vertical path after a selected lift height to provide a better forward reach of the boom assembly at the higher range of lift. <IMAGE>

IPC 1-7
E02F 3/34

IPC 8 full level
B66F 9/065 (2006.01); **E02F 3/34** (2006.01); **E02F 3/348** (2006.01)

CPC (source: EP KR)
B66F 9/00 (2013.01 - KR); **E02F 3/3405** (2013.01 - EP)

Citation (search report)

- [X] FR 85419 E 19650806
- [Y] US 3586195 A 19710622 - BELTRAMI OSMANO
- [AD] US 4355946 A 19821026 - WYKHUIS LLOYD A, et al
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EP0628664A3; CN112723251A; GB2278826A; US8453785B2; USD832551S; US10626576B2; USD832552S; WO2008118308A1

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