

Title (en)  
Lifting device with at least one telescopic mast.

Title (de)  
Hubeinrichtung mit wenigstens einem Teleskopmast.

Title (fr)  
Élévateur comportant au moins un mât télescopique.

Publication  
**EP 0135452 A1 19850327 (FR)**

Application  
**EP 84420123 A 19840710**

Priority  
FR 8311920 A 19830711

Abstract (en)  
[origin: US4619346A] An elevator has a horizontal chassis, a telescopically extensible and retractable mast having upper and lower ends, a guide extending along the mast between its ends, and a platform adapted to support a worker and displaceable in the guide along the mast between its ends. The lower end of the mast is pivoted on the chassis for movement of the mast relative to the chassis between an erect position with the upper end above the lower end and a recumbent position with the mast lying on the chassis and the mast ends generally level with each other. This axis is sufficiently above the chassis that in the recumbent position the platform can lie between the chassis and the mast. The chassis has opposite ends, one of which carries the mast and pivot. The center of mass of the mass is horizontally between the pivot axis and the other chassis end so that a drive connected between the chassis and the mast first pivots the mast about the axis from the recumbent to the erect position and then vertically extends the mast and raises the platform. This drive is normally a motor mounted on the chassis and having a drum and a cable connected between the drum and the mast.

Abstract (fr)  
Cet élévateur est du type comprenant au moins un mât télescopique articulé sur un châssis sensiblement horizontal à proximité de l'une de ses extrémités autour d'un axe horizontal. Selon l'invention, l'axe d'articulation (5) du mât (6) sur le châssis (2) est situé dans un plan horizontal au-dessus du plan supérieur du châssis, afin de permettre le logement de la plate-forme (16) entre le châssis et le mât, lorsque celui-ci est replié à l'horizontale, la plate-forme demeurant associée à chaque mât lorsque celui-ci est à l'horizontale.

IPC 1-7  
**B66F 11/04**

IPC 8 full level  
**B66F 11/04** (2006.01)

CPC (source: EP US)  
**B66F 11/04** (2013.01 - EP US)

Citation (search report)  
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• [A] DD 39411 A

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DOCDB simple family (application)  
**US 62968284 A 19840711**; AT 84420123 T 19840710; DE 3460220 T 19840710; EP 84420123 A 19840710; FR 8311920 A 19830711; MA 20394 A 19840710; OA 58338 A 19840711