

Title (en)
Scissor lift device

Title (de)
Scherenhubvorrichtung

Title (fr)
Dispositif de levage à ciseaux

Publication
EP 1384697 B1 20060405 (EN)

Application
EP 03015918 A 20030712

Priority
DK PA200201139 A 20020726

Abstract (en)
[origin: EP1384697A1] Scissor lift device (2) comprising a bottom frame (4) and an upper frame (10) carried by parallel oriented pairs of shearing arms (12), where the shearing arms are arranged for folding under the action of an actuator (18) with mainly horizontal orientation. The peculiar features of the device are constituted in that only the two first shearing arms (14) under the crossing point (20) of the shearing arms are rotary connected with upper ends of V-shaped knee joints (22), the V-shaped knee joint (22) constituting a part of a connection that converts the axial movement of the actuator to an up-and-down movement of the upper frame (10). The construction of the lift device implies greater freedom of choice with regard to the position of the shearing arms on the bottom frame, and implies also a modest constructional height combined with a relative great lifting height, the former substantially corresponding to the total height of the bottom frame (4) and the upper frame (10). <IMAGE>

IPC 8 full level
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CPC (source: EP)
B66F 7/065 (2013.01); **A61G 5/104** (2013.01)

Cited by
EP2676918A1; CN104512834A; US2018070745A1; US10512341B2; CN102267677A; CN107601348A; CN106081671A; AU2017294290B2; AU2017294290C1; US10233062B2; US8888070B2; WO2018006917A1; WO2020047699A1; WO2010091027A3; WO2011058085A1; WO2016141769A1; US10793406B2; US11565918B2

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