

Title (en)
SCISSOR LIFTING ARRANGEMENT

Title (de)
SCHERENHUBANORDNUNG

Title (fr)
AGENCEMENT DE LEVAGE DE CISEAUX

Publication
EP 3154895 B1 20180801 (EN)

Application
EP 15728501 A 20150610

Priority
• EP 14171916 A 20140611
• EP 2015062922 W 20150610

Abstract (en)
[origin: EP2955148A1] A scissor lifting arrangement (1) comprising: a foot (2); at least one leg (3) pivotally coupled to the foot (2); at least one arm (4) pivotally coupled to the leg (3); a head (5) pivotally coupled to the arm (4); a primary actuation mechanism, comprising a drive screw (6), a nut (7) and a nut-carrier (8). The screw (6) and nut-carrier (8) are respectively operatively coupled to an arm (4) and a leg (3), so that rotation of the screw (6) in a first direction, from a minimum separation distance (S), causes translation of the nut (7) towards a first end of a predetermined range (R) at the nut-carrier (8) and a subsequent increase in separation distance (S) upon further rotation, and vice versa. A secondary actuation mechanism is arranged to be effected by translation of the nut (7) towards the first end (R1) of the predetermined range (R) to cause at least one of the leg (3), the arm (4), the head (5) and the foot (2) to be pushed towards a more extended position, for an increased separation distance (S).

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