

Title (en)
Electrical, telescopic jack.

Title (de)
Elektrischer teleskopischer Hebebock.

Title (fr)
Cric télescopique électrique.

Publication
EP 0538208 A1 19930421 (EN)

Application
EP 92830569 A 19921015

Priority
IT RM910793 A 19911018

Abstract (en)
A hoisting device is disclosed, in particular for use in test fields of aircrafts such as helicopters and small airplanes, comprising an extensible, electrically operated assembly provided with coaxial sleeves (8,9,10) slidable by being screwed to one another, and a telescopic rod (11) integral with the base (2) of the jack and located at the centre of the sleeve assembly, the last extensible arm of said rod (11) being rotatably connected to the innermost sleeve (10) along which said arm can axially slide. The outermost sleeve (8) is rotated by a threaded bush (7), which is itself rotated by a worm screw/crown gear mechanism (4,5), and is unscrewed by reaction from the threaded bush (7) as all of the remaining sleeves engaged with one another are prevented from rotating by the telescopic rod (11). This is also the case in the following steps for the remaining sleeves without the need of retaining the jack. <IMAGE>

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IPC 8 full level
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CPC (source: EP)
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Citation (search report)

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