

Title (en)
Jack

Title (de)
Wagenheber

Title (fr)
Cric

Publication
EP 0697366 B1 19991020 (EN)

Application
EP 95108132 A 19950526

Priority
• JP 14691694 A 19940526
• JP 20901294 A 19940801

Abstract (en)
[origin: EP0697366A1] A jack (1) utilizing a bearing ball and screw assembly (30, 32) comprises a fixed sleeve (2), a drive screw section (4) rotatable supported in the fixed sleeve (2), an output screw section (6) engaged with the drive screw section (4) by means of a bearing ball and screw assembly (30, 32) and a drive mechanism (7, 8) provided with a reduction gear (34, 36, 38) supported by the fixed sleeve (2) and interlocked with the drive screw section (4). The jack (1) is lightweight and compacts and produces an astounding output power. <MATH>

IPC 1-7
B66F 3/44; B66F 3/08; B66F 3/18

IPC 8 full level
B66F 3/10 (2006.01); **B66F 3/18** (2006.01); **B66F 3/44** (2006.01)

CPC (source: EP)
B66F 3/10 (2013.01); **B66F 3/18** (2013.01); **B66F 3/44** (2013.01)

Cited by
CN104671142A; KR20150032909A; CN104876151A; EP2874936A4; CN112622839A; US2010140573A1; EP2194018A3; CN106660185A; US11279602B2

Designated contracting state (EPC)
DE FR GB

DOCDB simple family (publication)
EP 0697366 A1 19960221; **EP 0697366 B1 19991020**; DE 69512849 D1 19991125; DE 69512849 T2 20000615

DOCDB simple family (application)
EP 95108132 A 19950526; DE 69512849 T 19950526