

Title (en)
Telescopic rod

Title (de)
Teleskopierstab

Title (fr)
Tige télescopique

Publication
EP 0669279 B1 19990407 (DE)

Application
EP 95101719 A 19950209

Priority
AT 39594 A 19940225

Abstract (en)
[origin: EP0669279A1] The telescopic rod comprises several telescopic tubular sections (1-5) and a multi-stage piston cylinder unit (13) which at one end is connected to the outermost rod section (1) and at the other end is connected to the last inner section (5). On the inner base areas of at least some rod sections (3,4) are radially adjustable abutments (18,19) which are directed towards the outer sleeve face of the extended stages of the piston/cylinder unit (13). The first and last extensible rod sections (2,5) have fixed abutments (7,15) mounted adjoining the outer sleeve faces of the steps associated with same when the piston cylinder unit is extended. Swivel mounted pawls (24,25) are mounted as abutments along the inner circumference in the base area of the sections (3,4).

IPC 1-7
B66C 23/70

IPC 8 full level
B66C 23/687 (2006.01); **B66C 23/693** (2006.01); **B66C 23/70** (2006.01)

CPC (source: EP US)
B66C 23/705 (2013.01 - EP US); **B66C 23/707** (2013.01 - EP US)

Cited by
CN104010961A; EP1698583A1; US9701521B2; US7824104B2

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AT DE FR GB IT NL

DOCDB simple family (publication)
EP 0669279 A1 19950830; EP 0669279 B1 19990407; AT 403041 B 19971027; AT A39594 A 19970315; AT E178567 T1 19990415; DE 59505547 D1 19990512; JP H0834595 A 19960206; US 5632395 A 19970527

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EP 95101719 A 19950209; AT 39594 A 19940225; AT 95101719 T 19950209; DE 59505547 T 19950209; JP 3401395 A 19950222; US 38880795 A 19950215