

Title (en)
SPRING CLAMP

Title (de)
FEDERKRAFTKLEMME

Title (fr)
BORNE A RESSORT

Publication
EP 1086515 A1 20010328 (DE)

Application
EP 99936367 A 19990531

Priority
• DE 9901599 W 19990531
• DE 19825629 A 19980608

Abstract (en)
[origin: DE19825629A1] The invention relates to a spring clamp having a clamping body (2) arranged in a connecting area (1), by means of which an electrical conductor (3) with an axle (4) that is inserted in the connecting area (1) can be clamped in a clamping position using the force of a spring. In order to produce an easy to use spring clamp, the invention provides for the clamping body (2) to be held in a pretensioned position before inserting the conductor (3) into the connecting area (1) and for the clamping body (2) to be released after the conductor (3) has been inserted into the connecting area (1).

IPC 1-7
H01R 4/48; F16H 35/14

IPC 8 full level
F16H 35/14 (2006.01); **H01R 4/48** (2006.01); **H01R 4/52** (2006.01); **H01R 4/24** (2006.01)

CPC (source: EP US)
H01R 4/4814 (2023.08 - EP US); **H01R 4/2412** (2013.01 - EP US); **H01R 4/4816** (2023.08 - US); **H01R 4/4821** (2023.08 - EP US)

Designated contracting state (EPC)
DE FR IT

DOCDB simple family (publication)
DE 19825629 A1 19991216; **DE 19825629 B4 20070606**; CN 1169260 C 20040929; CN 1301418 A 20010627; DE 59902357 D1 20020919; EP 1086515 A1 20010328; EP 1086515 B1 20020814; JP 2002518800 A 20020625; JP 4246916 B2 20090402; WO 9965116 A1 19991216

DOCDB simple family (application)
DE 19825629 A 19980608; CN 99806338 A 19990531; DE 59902357 T 19990531; DE 9901599 W 19990531; EP 99936367 A 19990531; JP 2000554029 A 19990531