

Title (en)
Recoil damping system

Title (de)
Rückstoßdämpfersystem

Title (fr)
Système d'amortisseur de recul

Publication
EP 2365273 A3 20170426 (DE)

Application
EP 11001971 A 20110310

Priority
DE 102010011377 A 20100312

Abstract (en)
[origin: EP2365273A2] The rear shock absorber system has a guiding system (10), a damping element (50), a return system (90) and a ratchet locking mechanism. The guiding system has a support plate (40) that is guided by guiding rods (47) in a base body (11) in boreholes (12). The damping element has a hydraulic cylinder-piston-unit (51). The return system has a mechanical spring element, a pneumatic spring element or a spring system.

IPC 8 full level
F41C 23/08 (2006.01)

CPC (source: EP)
F41C 23/08 (2013.01)

Citation (search report)
• [AD] EP 1657518 B1 20080827 - BERETTA ARMI SPA [IT]
• [A] US 2002053156 A1 20020509 - MCCARTHY PATRICK M [US]
• [A] US 4910904 A 19900327 - ROSE CLYDE E [US]

Cited by
CN107758222A; ES2374484A1

Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)
BA ME

DOCDB simple family (publication)
EP 2365273 A2 20110914; EP 2365273 A3 20170426; DE 102010011377 A1 20110915; DE 102010011377 B4 20120405

DOCDB simple family (application)
EP 11001971 A 20110310; DE 102010011377 A 20100312