

Title (en)

ASSEMBLIES INCLUDING EXTENDABLE, REACTIVE CHARGE-CONTAINING ACTUATOR DEVICES

Title (de)

ANORDNUNGEN MIT AUSFAHRBAREN REAKTIVEN LADUNGSHALTIGEN BETÄTIGUNGSVORRICHTUNGEN

Title (fr)

ENSEMBLES COMPORTANT DES DISPOSITIFS ACTIONNEURS EXTENSIBLES ET CONTENANT UNE CHARGE REACTIVE

Publication

EP 1891394 A4 20111109 (EN)

Application

EP 06758621 A 20060426

Priority

- US 2006015800 W 20060426
- US 15419405 A 20050616

Abstract (en)

[origin: US2006027120A1] An assembly including a support housing and an actuator device. The actuator device includes an extendable initiator cup including at least one non-random fold and at least in part defining a storage chamber containing a reactive charge reactable to produce reaction products. The extendable initiator cup is folded to form a pocket that contains a portion of a moveable element. The extendable initiator cup longitudinally extends from a first length to a second, greater length upon reaction initiation of the reactive charge. The extendable initiator cup and the moveable element are at least partially disposed within a longitudinally extending bore of the support housing. The extending initiator cup moves the moveable element within the bore. The support housing is effective to limit lateral expansion of the extendable initiator cup upon reaction initiation of the reactive charge.

IPC 8 full level

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CPC (source: EP KR US)

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Citation (search report)

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