

Title (en)

MECHANICAL DEVICE FOR SEQUENTIAL TRIGGERING

Publication

**EP 0209466 A3 19870902 (FR)**

Application

**EP 86401598 A 19860717**

Priority

FR 8511089 A 19850719

Abstract (en)

[origin: EP0209466A2] The device comprises a rigid body (1) provided with openings (2) in which are engaged triggering fingers (5). Triggering means (30) consisting of a multiposition reversible shape memory element are provided in the rigid body (1). These means (30) are integral with a mechanical element (4) with cam profile, capable, under the action of the triggering means (30), of causing the engaging/disengaging of the triggering fingers (5). Application to connectors, tooling and robotics. <IMAGE>

IPC 1-7

**H01H 61/01**; **H01H 43/30**

IPC 8 full level

**H01H 43/30** (2006.01); **H01H 61/01** (2006.01)

CPC (source: EP)

**H01H 43/30** (2013.01); **H01H 61/0107** (2013.01); **H01H 2061/0115** (2013.01)

Citation (search report)

- [A] DE 3005470 A1 19810723 - BBC BROWN BOVERI & CIE [CH]
- [A] GB 2068545 A 19810812 - DELTA MATERIALS RESEARCH LTD
- [A] GB 1578741 A 19801112 - RAYCHEM LTD
- [A] EP 0035069 A1 19810909 - BBC BROWN BOVERI & CIE [CH]
- [A] US 3652969 A 19720328 - WILLSON JAMES R, et al
- [AD] US 3849756 A 19741119 - HICKLING C
- [P] EP 0161952 A2 19851121 - SOURIAU & CIE [FR]
- [A] SCIENTIFIC AMERICAN, novembre 1979, pages 68-76, New York, US; L. McDONALD SCHETKY: "Shape-memory alloys"
- [A] JOURNAL OF METALS, vol. 34, no. 12, décembre 1982, pages 14-20, Warrendale, Pennsylvania, US; T.W: DUERIG et al.: "A shape-memory alloy for high-temperature applications"

Cited by

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Designated contracting state (EPC)

DE FR GB

DOCDB simple family (publication)

**EP 0209466 A2 19870121**; **EP 0209466 A3 19870902**; **EP 0209466 B1 19910502**; DE 3679005 D1 19910606; FR 2590048 A1 19870515; FR 2590048 B1 19920515

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