

Title (en)  
DEVICE FOR ALIGNING A PLURALITY OF ELEMENTS, ESPECIALLY IN A PYROTECHNICAL CHAIN

Publication  
**EP 0320401 B1 19921230 (FR)**

Application  
**EP 88403134 A 19881209**

Priority  
FR 8717287 A 19871211

Abstract (en)  
[origin: EP0320401A1] The subject of the invention is a device which, inserted in a chain of aligned elements, ensures the misalignment of this chain and, on command, its realignment. It comprises mainly: - an internally threaded pinion (2); - a screw (10) screwed into the pinion; - an indexing disc (3) having a bore (31) in which the pinion is engaged and carrying an element (51) to be aligned with an axis (53); - a toothed quadrant (4) having the same axis as the indexing disc, fixed to the latter, interacting with the pinion to block the rotation of the pinion as long as the latter is engaged in the indexing disc, and driven by the pinion in a rotational movement when the pinion is disengaged from the indexing disc. Controlling the rotation of the screw has the effect of a translational movement of the pinion until it is disengaged from the indexing disc and then a rotation of the indexing disc ensuring the alignment of the element (51) with a predefined axis (53). <IMAGE>

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