

Title (en)  
Aiming system.

Title (de)  
Zielanordnung.

Title (fr)  
Dispositif de pointage.

Publication  
**EP 0413525 A2 19910220 (EN)**

Application  
**EP 90308818 A 19900810**

Priority  
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• ZA 897711 A 19891011  
• ZA 904925 A 19900625

Abstract (en)  
An aiming system (10) for aiming an object device (12) by movement of the head of a human operator (20) comprises a movable structure (16) on which the object device (12) is fixedly mounted, a seat (18) for the operator mounted on the movable structure, a helmet (22) having associated therewith a line of sight (26), and detecting means (34) for detecting the angular deviation of the helmet with respect to the movable structure (16). If any deviation is detected, servo drives (80.1), (80.2) operate in response to the detecting means to move the movable structure in the direction of the deviation. The detecting means (34) is connected magnetically to the helmet, along a connecting interface which is perpendicular to the line of sight. The detecting device (34) comprises an articulated telescopic link (40) which is covered by an air-impervious concertina tube (58) to provide damping.

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IPC 8 full level  
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