

Title (en)
Archery-sight

Title (de)
Bogenzielvorrichtung

Title (fr)
Viseur de tir à l'arc

Publication
EP 1624276 A3 20060412 (EN)

Application
EP 05254922 A 20050805

Priority
JP 2004231075 A 20040806

Abstract (en)
[origin: EP1624276A2] The sight mounted to a bow portion for archery, which includes an elevation bar (11) fixed to the bow portion and having a first sliding surface (20) and a second sliding surface; a box (12) mounted so as to be slidable along the first sliding surface (20) and the second sliding surface of the elevation bar (11); an elastic member mounted to the box (12) so as to be opposed to the first sliding surface (20); and a pressurizing device that pressurizes the elastic member in a direction at an angle with respect to the first sliding surface (20) to deform the elastic member, the box (12) being pressurized by the first sliding surface due to the elastic member and pressed against the second sliding surface. By the archery sight, it can solve the problem that a rattling is generated and leads to poor reproduction performance, resulting in rather poor usability for the athlete, caused by a gap with an inevitable tolerance which is generated in a machining.

IPC 8 full level
F41G 1/467 (2006.01)

CPC (source: EP)
F41G 1/467 (2013.01)

Citation (search report)
• [XY] GB 1037715 A 19660803 - MARSDEN HOWITT
• [XY] US 3590489 A 19710706 - SAUNDERS CHARLES A
• [X] US 5289814 A 19940301 - MAISANO JOSEPH A [US]
• [A] US 3800424 A 19740402 - SAUNDERS C, et al

Designated contracting state (EPC)
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DOCDB simple family (publication)
EP 1624276 A2 20060208; EP 1624276 A3 20060412; EP 1624276 B1 20081224; AT E418713 T1 20090115; DE 602005011900 D1 20090205; JP 2006046850 A 20060216; JP 4050731 B2 20080220

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