

Title (en)

Nock arrangements for arrows used on hunting or sportbows

Title (de)

Nockvorrichtung für Pfeile von Jagd- und Sportbögen

Title (fr)

Aménagement pour le talon de flèches, utilisées dans les arcs de chasse ou de sport

Publication

EP 0516256 B1 19970409 (DE)

Application

EP 92250128 A 19920522

Priority

- DE 9106655 U 19910528
- DE 9116149 U 19911230

Abstract (en)

[origin: US5361747A] A nocking system for use in archery includes a plastic nock element at the end of an arrow and a plastic nocking member carried on a bowstring to cooperate with the nock element when the arrow is shot. The nock element has a spherically concave receptacle between a pair of nock wings. The nocking member is spherically convex and fits into the receptacle. Such an arrangement permits the nock element and the nocking member to rotate relative to one another in any direction, which improves accuracy when the arrow is shot while protecting the bowstring from wear. The nocking member may be a ball with a central bore which is threaded so that the archer can screw the ball to a desired position on a nocking region of the bowstring, the bowstring having a yarn winding at the nocking region. The nocking member may also be two ball-halves that are joined together at the nocking region between two yarn windings. The nocking wings of the nock element have tabs which grip the ball.

IPC 1-7

F41B 5/18; **F42B 6/06**

IPC 8 full level

F41B 5/14 (2006.01); **F41B 5/18** (2006.01); **F42B 6/06** (2006.01)

CPC (source: EP US)

F41B 5/14 (2013.01 - EP US); **F42B 6/06** (2013.01 - EP US)

Designated contracting state (EPC)

AT BE CH DE DK ES FR GB IT LI NL SE

DOCDB simple family (publication)

US 5361747 A 19941108; AT E151522 T1 19970415; DE 59208309 D1 19970515; DE 9116149 U1 19920326; DK 0516256 T3 19971020; EP 0516256 A2 19921202; EP 0516256 A3 19930825; EP 0516256 B1 19970409; ES 2102452 T3 19970801

DOCDB simple family (application)

US 88881692 A 19920527; AT 92250128 T 19920522; DE 59208309 T 19920522; DE 9116149 U 19911230; DK 92250128 T 19920522; EP 92250128 A 19920522; ES 92250128 T 19920522