

Title (en)
Dart

Title (de)
Wurfpfeil

Title (fr)
Flêchette

Publication
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Application
EP 98117094 A 19980910

Priority
• DE 19740367 A 19970913
• US 15151998 A 19980911

Abstract (en)
[origin: US6585612B1] A throw dart for a dart game is provided. The throw dart has a dart tip, a central dart body, a shaft, a stabilizer attached to the shaft, and a first threaded pin having outside threads on a first end and a non-threaded extension on a second end opposite the first end. The dart body has on at least one end a hollow space for receiving the non-threaded extension of the first threaded pin. The non-threaded extension has a diameter that is adapted to an inside diameter of the hollow space to form a press fit. The dart tip is attached to one end of the dart body, the shaft is attached to another end of the dart body, and at least one of the dart tip and the shaft have inside threads that mate with the outside threads of the first threaded pin.

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IPC 8 full level
F42B 6/00 (2006.01)

CPC (source: EP US)
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Citation (search report)
• [YA] US 4775158 A 19881004 - BOTTELSEN WALTER E [US]
• [YA] GB 2085740 A 19820506 - DURRO FLIGHTS LTD
• [A] GB 2102296 A 19830202 - DRAKE BENJAMIN ROYAL
• [A] GB 717353 A 19541027 - ALBERT STANLEY KIRK, et al
• [A] GB 2049448 A 19801231 - WILLIAMS F L
• [A] GB 510193 A 19390728 - JAMES SMITH AND SON REDDITCH L, et al
• [A] GB 2090753 A 19820721 - PAXMAN COLIN JAMES, et al
• [A] GB 2009605 A 19790620 - COHEN C
• [A] US 5375850 A 19941227 - PICKETT MICHAEL R [US]
• [A] DE 4118670 A1 19920102 - LOEFFLER MANFRED [DE], et al
• [A] GB 1341178 A 19731219 - THOMPSON G E
• [A] GB 1486921 A 19770928 - CLARKE & MERRIFIELD LTD

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