

Title (en)

Socket for tightening, loosening or holding a hexagonal part underneath an equally sized hexagonal nut

Title (de)

Steckschlüssel zum Anziehen, Lösen oder Halten eines sechseckigen Bauteils unter einer Sechskantmutter derselben Grösse

Title (fr)

Clé à douille pour serrer, deserrer ou retenir un ensemble écrou contre-écrou

Publication

**EP 1506842 A1 20050216 (EN)**

Application

**EP 04254831 A 20040811**

Priority

- US 63911403 A 20030812
- US 78532504 A 20040224

Abstract (en)

A socket for tightening, loosening or holding a hexagonal part (5) underneath a substantially equally sized hexagonal nut (4) has a socket body (8) having an axial portion (11) to be applied on the hexagonal part (5), the axial portion having an inner opening (12) provided with six radially outwardly extending recesses (13) each having, as considered in a circumferential direction, at least one flank (14) adapted to interact with at least one side of the hexagonal part (5), the recesses being formed so that the portion (11) of the socket body (8) can be axially fitted over the hexagonal nut (4) not only when sides of the hexagonal part (5) coincide with sides of the hexagonal nut (4), but also when the sides of the hexagonal part (5) are circumferentially offset from the sides of the hexagonal nut (4). <IMAGE>

IPC 1-7

**B25B 21/00**; **B25B 13/48**

IPC 8 full level

**B25B 13/02** (2006.01); **B25B 13/06** (2006.01); **B25B 13/48** (2006.01); **B25B 21/00** (2006.01); **B25B 23/00** (2006.01); **B25B 23/02** (2006.01); **B25B 23/10** (2006.01); **F16B 43/00** (2006.01)

CPC (source: EP KR)

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Citation (applicant)

- US 5499558 A 19960319 - JUNKERS JOHN K [US]
- US 6253642 B1 20010703 - JUNKERS JOHN K [US]
- US 6254322 B1 20010703 - JUNKERS JOHN K [US]
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Citation (search report)

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- [A] US 2752809 A 19560703 - LEHMANN ALFRED H

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