

Title (en)
JOINT STRUCTURE AND SHAVING DEVICE

Title (de)
GELENKSTRUKTUR UND RASIERAPPARAT

Title (fr)
STRUCTURE DE JOINT ET DISPOSITIF DE RABOTAGE

Publication
EP 3827941 B1 20230906 (EN)

Application
EP 18927701 A 20180726

Priority
CN 2018097222 W 20180726

Abstract (en)
[origin: EP3827941A1] A coupling structure and a shaving device having the same. The coupling structure includes a first coupling component (10); and a second coupling component (20); the first coupling component (10) is provided with a connection shaft (11), the second coupling component (20) is provided with a connection cavity (21) having a shape adapted to that of the connection shaft (11); the connection shaft (11) is provided with at least two protrusions (30), and the connection cavity (21) is provided with lacking latches (40) corresponding to positions of each of the protrusions (30) and capable of sliding along a radial direction, each of the lacking latches (40) is provided with an elastic member (50) configured for forcing the lacking latch (40) to slide toward the connection cavity (21), and the protrusion (30) forces the corresponding lacking latch (40) to radially slide until it is engaged with the lacking latch (40) when the connection shaft (11) is inserted into the connection cavity (21). The elastic member (50) can maintain elastic force to ensure that the first coupling component (10) and the second coupling component (20) are always in a stably connected state.

IPC 8 full level
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