

Title (en)
ADAPTER UNIT FOR A SHAVING RAZOR

Title (de)
ADAPTEREINHEIT FÜR RASIERER

Title (fr)
ADAPTATEUR POUR RASOIR

Publication
EP 1115537 A4 20021009 (EN)

Application
EP 98949474 A 19980924

Priority
US 9819997 W 19980924

Abstract (en)
[origin: WO0016951A1] There is disclosed a razor cartridge (10 & 30) for use with a razor handle (50) having a handle engagement member (56a & 56b and 58) extending from one end thereof. The razor cartridge comprises a razor blade carrier (30) having a carrier engagement member (36) thereon and an adapter unit (10) having a first side (14b) and a second side (14a). The first side (14b) of the adapter unit (10) has an adapter engagement member (24a & 24b) lockingly mateable with the carrier engagement member (36) with at least one of the adapter engagement member (24a or 24b) and the carrier engagement member (36) being resiliently yieldable, such that the adapter engagement member (24a & 24b) and the carrier engagement member (36) may be snapped into non-detachable engagement with each other. The second side (14a) of the adapter unit (10) has means (16a & 16b) for attachably mating the razor cartridge (10 & 30) with the handle engagement member (56a & 56b).

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CPC (source: EP)
B26B 21/225 (2013.01); **B26B 21/40** (2013.01); **B26B 21/521** (2013.01)

Citation (search report)

- [X] US 4403414 A 19830913 - KIRALY ERNEST F [US], et al
- [X] US 4288920 A 19810915 - DOUGLASS PAUL W, et al
- [A] DE 3635553 A1 19880421 - KOEPPEN DETLEF [DE]
- See references of WO 0016951A1

Cited by
EP4011573A1; EP3378613A4; US11034038B2; US11787074B2; EP3771530A1; US11235486B2; WO2022128352A1

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