

Title (en)
LUBRICATION BOX FOR A WET SHAVING IMPLEMENT

Title (de)
SCHMIERBOX FÜR EIN NASSRASIERGERÄT

Title (fr)
BOÎTIER DE LUBRIFICATION POUR UN ACCESSOIRE DE RASAGE HUMIDE

Publication
EP 2488330 B2 20180502 (EN)

Application
EP 10770920 A 20101015

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• US 2010052776 W 20101015

Abstract (en)
[origin: WO2011047221A1] According to one aspect of the present invention, a lubrication box includes a first portion, a shaving aid material, and a second portion. The first portion of the lubrication box has a skin-engaging surface and at least one sidewall that, together, form a cavity. The skin-engaging surface includes at least two holes there through. The shaving aid material, which is optionally distributed in the cavity in a series of layers, is ultrasonically compressed into the cavity such that it at least partially fills at least one of the holes in the skin-engaging surface and at least a portion of the cavity. The second portion of the lubrication box is attached to the first portion such that the cavity is substantially closed. A gap exists between in the cavity between the shaving aid and the second portion of the lubrication box to permit the shaving aid material to expand during normal use.

IPC 8 full level
B26B 21/44 (2006.01)

CPC (source: EP)
B26B 21/44 (2013.01)

Citation (opposition)
Opponent :
• US 5493778 A 19960227 - ICHIYANAGI MASAO [JP]
• US 4170821 A 19791016 - BOOTH ANTHONY R [US]
• LEVINA M. ET AL: "Principles and application of ultrasound in Pharmaceutical powder compression", PHARMACEUTICAL RESEARCH, vol. 17, no. 3, 2000, pages 257 - 265, XP008080713

Cited by
US11235485B2; EP2625011A1

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