

Title (en)
IMPROVED FOAMING COMPOSITIONS AND AEROSOL DISPENSERS

Title (de)
VERBESSERTE SCHÄUMUNGSZUSAMMENSETZUNGEN UND AEROSOLSPENDER

Title (fr)
COMPOSITIONS MOUSSANTES AMÉLIORÉES ET DISTRIBUTEURS D'AÉROSOLS

Publication
EP 2608889 B1 20151007 (EN)

Application
EP 11752620 A 20110812

Priority
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• GB 2011051523 W 20110812

Abstract (en)
[origin: WO2012025735A1] Provided is a cap assembly (10) mounted upon an aerosol canister (100), wherein the cap assembly (10) includes a moveable trigger arm (20) bearing a nozzle assembly (50), the nozzle assembly (50) which includes a nozzle orifice insert (70) which includes a sleeve part (72) and a nozzle orifice (80) inserted within chamber body (64) having a nozzle chamber (60), wherein the sleeve part (72) includes an inlet zone (73) and downstream thereof, a compression zone (75) which compression zone (75) comprises an upper tapered sidewall (77a) and a lower tapered sidewall (77b) angled with respect to one another by an angle "A" which is in the range of between 5 and 30 degrees of arc and wherein the nozzle assembly (50) further includes an inlet conduit (52) in engagement with a valve stem (104) of the aerosol canister (100), a connecting bore (58) connecting the inlet conduit (52) with the nozzle chamber (60). The cap assembly (10) provides improved dispensing of pressurized foaming surface treatment compositions contained with the aerosol canister (100).

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