

Title (en)

Process and device for the manufacture of striated multicoloured soap in various patterns

Title (de)

Verfahren und Vorrichtung zur Herstellung von gestreifter, mehrfarbiger Seife in verschiedensten Musterungen

Title (fr)

Procédé et dispositif pour la fabrication de savon multicolore rayé de motifs divers

Publication

**EP 0594077 B1 19960221 (DE)**

Application

**EP 93116691 A 19931015**

Priority

DE 4235617 A 19921022

Abstract (en)

[origin: EP0594077A1] To provide a process which allows the production of a striped, multicoloured soap in various patterns, it is proposed, during the merging together of variously coloured soap materials in the flow direction, to set at least one of the soap materials into rotational movement about the flow centre-axis of the soap extrudate. Instead of the conventional straight-lined striped patterns, diverse patterns, such as wave patterns, can be obtained, the design of the pattern being variable by the variation of the rate and/or direction of turn of the rotational movement. For carrying out the process, a device is used in which the various soap materials are fed, via a respective extrusion device (S1, S2), to the discharge cone (4) of an extruder, which device has the following features: a) at the periphery of the discharge cone (4) there is arranged an inlet channel (9) b) which is connected to at least one extrusion device (S2) for soap materials. c) In the annular channel (9) there is arranged, so as to be rotationally movable and so as to seal the latter with respect to the cone (4), a motor-driven manifold ring (13) d) from which a plurality of soap-material outlets (14) which are open towards the orifice (5, 6) of the cone (4) and are fed from the annular channel (9) extend radially inwards. <IMAGE>

IPC 1-7

**C11D 13/08; C11D 13/18**

IPC 8 full level

**C11D 13/08** (2006.01); **C11D 13/18** (2006.01)

CPC (source: EP)

**C11D 13/08** (2013.01); **C11D 13/18** (2013.01)

Cited by

US6673756B2

Designated contracting state (EPC)

AT BE CH DE DK ES FR GB IE IT LI LU MC NL

DOCDB simple family (publication)

**EP 0594077 A1 19940427; EP 0594077 B1 19960221**; AT E134382 T1 19960315; DE 4235617 C1 19931021; DE 59301677 D1 19960328; DK 0594077 T3 19960701; ES 2086174 T3 19960616

DOCDB simple family (application)

**EP 93116691 A 19931015**; AT 93116691 T 19931015; DE 4235617 A 19921022; DE 59301677 T 19931015; DK 93116691 T 19931015; ES 93116691 T 19931015