

Title (en)
Device for producing and applying foam.

Title (de)
Vorrichtung zum Herstellen und Auftragen von Schaum.

Title (fr)
Appareil de production et d'application de mousse.

Publication
EP 0088029 A1 19830907 (FR)

Application
EP 83400431 A 19830303

Priority
FR 8203547 A 19820303

Abstract (en)
1. Apparatus for the production and application of foam comprising : - a chamber (1) capable of containing the liquid (4) from which the foam is prepared and - a line (5) which can be connected via release means (6) to a source of compressed gas and capable of conveying this compressed gas to a mixing chamber (13) through a first pipe (10), the mixing chamber which is connected to the body of the liquid by a second pipe (15) being arranged so that the stream of compressed gas conveyed through the first pipe meets the stream of liquid conveyed by the second pipe there, thus creating the foam, a third pipe (17) conveying the foam formed to means for applying it to the parts to be treated, said apparatus being characterised in that it comprises a fourth pipe (9) conveying the compressed gas to the interior of the chamber which is thus subjected to pressure, in that a diaphragm (16) is placed on the second pipe creating a loss of charge therein and in that the value of the diameter of the diaphragm is selected as a function of the value of the pressure applied downstream of the release means such that for a given product, the foam is formed inside the mixing chamber by injection of the treatment product in the stream of compressed gas.

Abstract (fr)
L'appareil de production et d'application de mousse comporte une enceinte 1 contenant sous pression le liquide 4 à partir duquel est préparée la mousse, celle-ci étant formée dans une chambre de mélange 13 reliée à une lance 18.

IPC 1-7
B05B 7/32; **A61C 5/04**

IPC 8 full level
B05B 3/18 (2006.01); **B05B 7/00** (2006.01); **B05B 7/26** (2006.01); **B05B 7/32** (2006.01)

CPC (source: EP)
A62C 5/022 (2013.01); **B05B 7/0025** (2013.01); **B05B 7/262** (2013.01)

Citation (search report)
• [Y] FR 1178559 A 19590512
• [Y] US 3433417 A 19690318 - POPPITZ HAROLD A
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Designated contracting state (EPC)
BE DE GB IT NL

DOCDB simple family (publication)
EP 0088029 A1 19830907; **EP 0088029 B1 19860903**; DE 3365780 D1 19861009; FR 2522540 A1 19830909; FR 2522540 B1 19850719

DOCDB simple family (application)
EP 83400431 A 19830303; DE 3365780 T 19830303; FR 8203547 A 19820303