

Title (en)
Foam generating apparatus.

Title (de)
Vorrichtung zum Herstellen von Schaum.

Title (fr)
Appareil de production de mousse.

Publication
EP 0077652 A1 19830427 (EN)

Application
EP 82305475 A 19821014

Priority
US 31177281 A 19811015

Abstract (en)
A mixture of air and liquid is introduced to a premixer (12) comprising a cylindrical casing housing a plurality of convoluted elements arranged end-to-end along the longitudinal axis of the casing. The air/liquid blend exiting the premixer is introduced to a static foamer (14) which is identical to the premixer except that it additionally contains a porous bed of spherical beads which fill the space between the convoluted elements and the casing.

IPC 1-7
D06B 19/00

IPC 8 full level
B01F 5/00 (2006.01); **B01F 3/04** (2006.01); **B01F 5/06** (2006.01); **B01F 13/00** (2006.01); **D06B 19/00** (2006.01); **B01F 13/10** (2006.01)

CPC (source: EP)
B01F 23/235 (2022.01); **B01F 25/43141** (2022.01); **B01F 25/45241** (2022.01); **B01F 33/834** (2022.01); **D06B 19/0094** (2013.01)

Citation (search report)
• [Y] US 3388868 A 19680618 - WATSON WILLIAM R, et al
• [Y] US 4068830 A 19780117 - GRAY JOSEPH B
• [AD] US 4061001 A 19771206 - VON DER ELTZ HANS-ULRICH, et al
• [AD] US 4207202 A 19800610 - COLE HOWARD W JR [US]
• [AD] US 4038037 A 19770726 - WILMSEN HANS
• [AD] US 2090727 A 19370824 - WALTHER GOSMANN

Cited by
GB2202503B; US7766537B2; CN105854701A; US2015061165A1; US9381474B2; CN103260734A; CN104772056A; AU2011348141B2; EP3023037A1; GB2247411A; GB2219518A; GB2219518B; US10258941B2; US11643946B2; US10092015B2; WO2012088409A3; WO9305224A3; US10364699B2

Designated contracting state (EPC)
BE DE FR GB IT LU NL

DOCDB simple family (publication)
EP 0077652 A1 19830427; EP 0077652 B1 19850417; BR 8207931 A 19830920; DE 3263150 D1 19850523; DK 276283 A 19830615; DK 276283 D0 19830615; IN 156672 B 19851012; JP S58501710 A 19831013; WO 8301395 A1 19830428

DOCDB simple family (application)
EP 82305475 A 19821014; BR 8207931 A 19821014; DE 3263150 T 19821014; DK 276283 A 19830615; IN 1203CA1982 A 19821014; JP 50342982 A 19821014; US 8201472 W 19821014