

Title (en)
Tapping head

Title (de)
Abfüllkopf

Title (fr)
Tête de soutirage

Publication
EP 0999401 A3 20010328 (DE)

Application
EP 99120373 A 19991013

Priority
DE 19850913 A 19981105

Abstract (en)
[origin: EP0999401A2] The device is a probe for determining the actual degree of filling. The probe is carried by the mirror of the liquefied gas. The probe has a permanent magnet which operates together with a spacial fixed Reed-contact (1) for controlling the switching device on reaching the required degree of filling. The apparatus for processing filling cooled liquefied gas comprises a fixed filling head on or in the container. The filling head has a closable filling pipe (5) for the liquefied gas and a level measuring device (1,2,3,4,7,9). The level measuring device (1,2,3,4,7,9) has an extending device in the inner container for determining the actual degree of filling and together with a switch to interrupt the filling process on reaching the required degree of filling.

IPC 1-7
F17C 6/00; **F17C 13/02**; **F17C 5/02**

IPC 8 full level
F17C 5/02 (2006.01); **F17C 13/02** (2006.01)

CPC (source: EP)
F17C 5/02 (2013.01); **F17C 13/021** (2013.01); **F17C 2250/0413** (2013.01)

Citation (search report)
• [X] US 5246045 A 19930921 - CLOTHIER DONALD A [US], et al
• [X] US 4064907 A 19771227 - BILLINGTON EVANS R, et al
• [XA] US 5090212 A 19920225 - KELTNER ROBERT L [US], et al
• [A] EP 0001392 A1 19790418 - MESSER GRIESHEIM GMBH [DE]
• [A] PATENT ABSTRACTS OF JAPAN vol. 1996, no. 08 30 August 1996 (1996-08-30)

Designated contracting state (EPC)
AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)
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