

Title (en)

Method and device for filling containers with a liquid product

Title (de)

Verfahren und Vorrichtung zum Füllen von Behältern mit einem flüssigen Füllgut

Title (fr)

Procédé et dispositif de remplissage des récipients de produit liquide

Publication

EP 1215166 B1 20060823 (DE)

Application

EP 01120678 A 20010903

Priority

DE 10061401 A 20001209

Abstract (en)

[origin: DE10061401A1] The interior of each container (5) is filled with liquid by means of filler elements (1). The container in a filling phase is filled with hot liquid via a liquid-path (7,9) controlled by a valve (8) in the liquid-path, with filler elements heated to a filler element temperature. In the case of interruption to the filling process, the liquid-path is subjected to a hot flow medium in the form of a hot gas and or steam, in a section following the liquid-valve for maintaining the filler element temperature controlled by control elements or control valves (23,29).

IPC 8 full level

B67C 3/14 (2006.01); **B67C 3/26** (2006.01)

CPC (source: EP)

B67C 3/002 (2013.01); **B67C 3/14** (2013.01); **B67C 3/2642** (2013.01); **B67C 3/286** (2013.01)

Cited by

EP2213613A3; ITBS20110176A1; IT201600113843A1; DE102004011101A1; CN106895198A; ITTO20111234A1; EP2610210A1; CN103183300A; US7650916B2; US8459315B2; US11427452B2; WO2008114187A1; WO2020216579A1; WO2008116564A3; WO2008141717A1

Designated contracting state (EPC)

AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE TR

DOCDB simple family (publication)

EP 1215166 A2 20020619; **EP 1215166 A3 20020626**; **EP 1215166 B1 20060823**; AT E337262 T1 20060915; DE 10061401 A1 20020613; DE 50110799 D1 20061005

DOCDB simple family (application)

EP 01120678 A 20010903; AT 01120678 T 20010903; DE 10061401 A 20001209; DE 50110799 T 20010903