

Title (en)
DEVICE FOR INTRODUCING CO2 SNOW INTO CONTAINERS IN ORDER TO COOL THE CONTENT OF SAID CONTAINERS OR TO COOL THE CONTAINERS THEMSELVES

Title (de)
VORRICHTUNG ZUM EINBRINGEN VON CO2-SCHNEE IN BEHÄLTER ZUR KÜHLUNG DES BEHÄLTERINHALTES ORDER DES BEHÄLTERS

Title (fr)
DISPOSITIF D'INTRODUCTION DE NEIGE CARBONIQUE DANS DES CONTENANTS POUR EN REFROIDIR LE CONTENU OU POUR REFROIDIR CES CONTENANTS EUX-MEMES

Publication
EP 1076798 B1 20021002 (DE)

Application
EP 99929097 A 19990510

Priority
• DE 9901437 W 19990510
• DE 19820588 A 19980508

Abstract (en)
[origin: US6427482B1] Apparatus for the introduction of CO2 snow into containers for cooling the container contents or the container, comprises a CO2 snow generating device for generating the CO2 snow, a CO2 snow injection device connected to the CO2 snow generating means and having a snow tube for injecting the generated CO2 snow into the container, a the CO2 gas separating arrangement for separating CO2 gas and CO2 snow in the region of the snow tube, and the CO2 gas extraction arrangement for extracting separated the CO2 gas, the CO2 gas separating arrangement comprises an outer tube surrounding the snow tube and arranged coaxially with the outer tube projecting beyond the snow tube in longitudinal direction thereof at the CO2 snow delivery side of the snow tube and being connected to the CO2 gas extraction arrangement in the region of the opposite side.

IPC 1-7
F25D 3/12

IPC 8 full level
F25D 3/12 (2006.01)

CPC (source: EP US)
F25D 3/12 (2013.01 - EP US)

Cited by
DE102021002056A1; EP4086543A1; DE102021002056B4

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)
US 6427482 B1 20020806; AT E225489 T1 20021015; DE 19820588 A1 19991111; DE 19820588 C2 20020718; DE 59902944 D1 20021107; EP 1076798 A1 20010221; EP 1076798 B1 20021002; ES 2183574 T3 20030316; WO 9958913 A1 19991118

DOCDB simple family (application)
US 67472700 A 20001220; AT 99929097 T 19990510; DE 19820588 A 19980508; DE 59902944 T 19990510; DE 9901437 W 19990510; EP 99929097 A 19990510; ES 99929097 T 19990510