

Title (en)
HIGH-PRESSURE GAS JETTING DEVICE

Title (de)
VORRICHTUNG ZUR ERZEUGUNG EINES HOCHDRUCKGASSTRAHLS

Title (fr)
DISPOSITIF DE PRODUCTION DE JET DE GAZ A HAUTE PRESSION

Publication
EP 0815903 A4 20001206 (EN)

Application
EP 97900102 A 19970106

Priority
• JP 9700003 W 19970106
• JP 34407495 A 19951228

Abstract (en)
[origin: WO9724161A1] A high-pressure gas jetting device comprising a vessel body (2) storing a gas tank (1) charged with a high-pressure carbon dioxide, a cap (3) screwed onto the vessel body (2), and a needle (11c) provided in the cap (3) and adapted to be axially moved upon relative rotation of the vessel body (2) and the cap (3) to pierce a sealing plate of the gas tank (1). Carbon dioxide within the gas tank (1) is permitted to be jetted from a tip end hole (10) of the cap (3) through a through hole (11d) formed axially of the needle (11c).

IPC 1-7
A62C 13/74; **A62C 13/62**

IPC 8 full level
A62C 13/74 (2006.01); **A62C 13/62** (2006.01); **A62C 13/76** (2006.01)

CPC (source: EP)
A62C 13/62 (2013.01)

Citation (search report)
• [E] US 5704428 A 19980106 - ASANO TOKIO [US]
• [A] EP 0684053 A1 19951129 - MATSUMOTO KATSUTOSHI [JP]
• See references of WO 9724161A1

Cited by
WO0226328A1

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

DOCDB simple family (publication)
WO 9724161 A1 19970710; EP 0815903 A1 19980107; EP 0815903 A4 20001206; JP H09182809 A 19970715

DOCDB simple family (application)
JP 9700003 W 19970106; EP 97900102 A 19970106; JP 34407495 A 19951228