

Title (en)
VALVE, IN PARTICULAR EXPANSION VALVE FOR REFRIGERATING SYSTEMS, AND A METHOD FOR THE MANUFACTURE THEREOF

Title (de)
VENTIL, INSBESONDERE EXPANSIONSVENTIL FÜR KÄLTEANLAGEN, UND VERFAHREN ZU SEINER HERSTELLUNG

Title (fr)
SOUPAPE, NOTAMMENT SOUPAPE DE DETENTE POUR INSTALLATIONS FRIGORIFIQUES, ET SON PROCEDE DE FABRICATION

Publication
EP 0715553 A1 19960612 (DE)

Application
EP 94925359 A 19940822

Priority
• DE 4328315 A 19930823
• DK 9400314 W 19940822

Abstract (en)
[origin: US5810332A] PCT No. PCT/DK94/00314 Sec. 371 Date Feb. 7, 1996 Sec. 102(e) Date Feb. 7, 1996 PCT Filed Aug. 22, 1994 PCT Pub. No. WO95/05908 PCT Pub. Date Mar. 2, 1995 In a valve, in particular an expansion valve for refrigeration systems, at least the housing (2) and all nozzles (3, 4, 5) are deep-drawn parts of stainless steel having a carbon content of less than 0.05%. These parts are joined to one another by soldering. The steel has such a low content of carbon that despite being subjected to the effects of heat during soldering, it is practically insensitive to intercrystalline corrosion. This produces a visually attractive valve that is not harmful to the environment.

IPC 1-7
B21K 1/20

IPC 8 full level
F16L 55/00 (2006.01); **B21K 1/20** (2006.01); **B23K 1/00** (2006.01); **B23K 1/19** (2006.01); **C22C 38/00** (2006.01); **C22C 38/44** (2006.01); **F16K 11/00** (2006.01); **F16K 27/00** (2006.01); **F25B 41/06** (2006.01)

CPC (source: EP US)
F25B 41/335 (2021.01 - EP US)

Citation (search report)
See references of WO 9505908A1

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

DOCDB simple family (publication)
US 5810332 A 19980922; AT E152648 T1 19970515; AU 7530894 A 19950321; CN 1055647 C 20000823; CN 1129915 A 19960828; DE 4429682 A1 19950309; DE 59402678 D1 19970612; DK 715553 T1 19970825; EP 0715553 A1 19960612; EP 0715553 B1 19970507; ES 2101562 T3 19970701; JP 2908565 B2 19990621; JP H08509029 A 19960924; WO 9505908 A1 19950302

DOCDB simple family (application)
US 59625696 A 19960207; AT 94925359 T 19940822; AU 7530894 A 19940822; CN 94193174 A 19940822; DE 4429682 A 19940822; DE 59402678 T 19940822; DK 9400314 W 19940822; DK 94925359 T 19940822; EP 94925359 A 19940822; ES 94925359 T 19940822; JP 50727495 A 19940822