

Title (en)
JOULE-THOMSON COOLER WITH POROUS MASS HEAT EXCHANGER

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EP 0338920 B1 19921202 (FR)

Application
EP 89401083 A 19890419

Priority
FR 8805205 A 19880420

Abstract (en)
[origin: EP0338920A2] The porous mass (7) of the heat exchanger of the Joule-Thomson cooler (1) consists of balls of uniform diameter covered with a layer of a material having a melting point below that of the material of which the balls are made, the latter being connected to one another by the melting of said material. The invention is used for the cooling of infrared detectors. <IMAGE>

IPC 1-7
F25B 9/02; F28F 1/12

IPC 8 full level
F25B 9/02 (2006.01); **F28F 1/12** (2006.01)

CPC (source: EP)
F25B 9/02 (2013.01); **F28F 1/12** (2013.01)

Citation (examination)

- FR 2429988 A1 19800125 - COMMISSARIAT ENERGIE ATOMIQUE [FR]
- GB 2027357 A 19800220 - SHELL OIL CO
- FR 1313183 A 19621228 - BABCOCK & WILCOX FRANCE

Cited by
EP2963360A1

Designated contracting state (EPC)
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