

Title (en)
Cooler with a cold finger of pulse tube type.

Title (de)
Kühler mit einem Schwingrohrkaltkopf.

Title (fr)
Refroidisseur muni d'un doigt froid du type tube pulsé.

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Application
EP 94400432 A 19940301

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FR 9302376 A 19930302

Abstract (en)
The present invention relates to a cooler based on the Stirling cycle. It comprises means (2,8,9) for generating a pressure wave in a fluid and transmitting it to a cold finger (21) of the pulse (pulsed) tube type. The cold finger (21) comprises a tubular regenerator (24) which is mounted coaxially around the pulse tube (25). Applications: Cooling, especially of electronic components such as infrared detectors. <IMAGE>

Abstract (fr)
La présente invention est relative à un refroidisseur basé sur le cycle de Stirling. Il comporte des moyens (2,8,9) pour générer une onde de pression dans un fluide et la transmettre à un doigt froid (21) du type tube pulsé. Le doigt froid (21) comporte un régénérateur (24) tubulaire qui est monté coaxialement autour du tube pulsé (25). Applications : Refroidissement notamment de composants électroniques tels que des détecteurs infrarouge. <IMAGE>

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IPC 8 full level
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F25B 9/145 (2013.01); **F25B 2309/1406** (2013.01); **F25B 2309/1408** (2013.01); **F25B 2309/1417** (2013.01); **F25B 2309/14241** (2013.01)

Citation (search report)

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