

Title (en)
DEVICE FOR THE TEMPORARY OVERCOOLING OF A COOLED DETECTOR

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Application
EP 88202855 A 19881213

Priority
FR 8717713 A 19871218

Abstract (en)
[origin: EP0322028A1] Device for the temporary overcooling of a cooled detector (1) in permanent operation in an enclosed space by means of a first cooler (5). <??>According to the invention, a second cooler (6) is set in operation temporarily in order to produce the required overcooling without involving heat exchange with the outside. To this end, the heat energy dissipated by the cooler (6) is absorbed by the solid -> liquid passage of a phase change material (7) (water or tetradecane) arranged between said first and second coolers. <??>Application in observing stars. <IMAGE>

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F25B 21/02

IPC 8 full level
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