

Title (en)
Cryogenic container with built-in refrigerator

Title (de)
Kryogenbehälter mit eingebautem Kühlaggregat

Title (fr)
Conteneur cryogène avec réfrigérateur intégré

Publication
EP 2085720 A2 20090805 (EN)

Application
EP 09000684 A 20090119

Priority
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Abstract (en)
A cryogenic container with a built-in refrigerator according to the present invention comprises the refrigerator having a first heat absorbing part (2) and a first heat dissipating part (3), a vacuum vessel (10) for containing and thermally insulating an object (1) to be cooled while holding the object (1) at a cryogenic temperature through the first heat absorbing part (2) of the refrigerator, and a pre-cooling unit (6) having a second heat absorbing part (4) and a second heat dissipating part for cooling the first heat dissipating part (3), wherein the first heat dissipating part (3) and the second heat absorbing part (4) are arranged inside the vacuum vessel (10), and a part of a heat dissipating unit (6,7,8,9,10) including the second heat dissipating part is exposed outside the vacuum vessel (10).

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Citation (applicant)

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