

Title (en)
Cooling System

Title (de)
Kühlsystem

Title (fr)
Système de refroidissement

Publication
EP 1843109 A2 20071010 (EN)

Application
EP 07104133 A 20070314

Priority
JP 2006101980 A 20060403

Abstract (en)
The invention provides a cooling system capable of enhancing refrigeration efficiency even when using a carbon dioxide refrigerant. Namely, when an outer surface area of a high-pressure pipe is set to be in a range from 10% to 25% inclusive of a total inner surface area of a heat exchanging pipe of the evaporator, the coefficient of performance can be made large and the refrigeration efficiency can be enhanced.

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F25B 9/00 (2006.01); **F25B 40/00** (2006.01)

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Cited by
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