

Title (en)
COOLING STATION

Title (de)
KÜHLSTATION

Title (fr)
STATION DE REFROIDISSEMENT

Publication
EP 2049851 A1 20090422 (DE)

Application
EP 07802273 A 20070912

Priority
• EP 2007007933 W 20070912
• DE 102006044846 A 20060922

Abstract (en)
[origin: WO2008034545A1] Disclosed is a cooling station (140) for at least one container that is to be cooled and can be docked to the cooling station. Said cooling station comprises a housing which surrounds a space for accommodating a chilled material, at least one fan (238) for generating a circulating air flow through the container, at least one cooler (240) for cooling the circulating air flow, and at least one docking location (142) encompassing at least one first docking point (222) for discharging the circulating air flow from the container that is to be cooled and at least one second docking point (226) for delivering the circulating air flow to the container that is to be cooled. In order to create a cooling station that has a simple design, is easy to produce, and allows for effective and energy-efficient cooling of the circulating air flow through the container that is to be cooled, the cooler (240) is configured as a heat exchanger which contains a multiphase, free-flowing cooling agent on the cold side.

IPC 8 full level
F25D 15/00 (2006.01); **F25D 17/02** (2006.01)

CPC (source: EP US)
F25D 15/00 (2013.01 - EP US); **F25D 17/02** (2013.01 - EP US); **F25D 2400/20** (2013.01 - EP US)

Citation (search report)
See references of WO 2008034545A1

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