

Title (en)

CRYOGENIC COOLING COMPOSITION AND METHOD

Title (de)

KRYOGENE KÜHLUNGZUSAMMENSETZUNG UND VERFAHREN

Title (fr)

COMPOSITION ET PROCEDE DE REFROIDISSEMENT A TEMPERATURE CRYOGENIQUE

Publication

**EP 3652264 A1 20200520 (FR)**

Application

**EP 18762568 A 20180705**

Priority

- FR 1756516 A 20170710
- FR 2018051692 W 20180705

Abstract (en)

[origin: WO2019012210A1] Cooling composition comprising a mixture of solid particles of CO<sub>2</sub> and liquid nitrogen, in which: - the content of solid particles of CO<sub>2</sub> is between 70 and 85% by weight and - the solid particles of CO<sub>2</sub> have a diameter of less than or equal to 50 µm.

IPC 8 full level

**C09K 5/04** (2006.01); **B01F 27/91** (2022.01); **F28C 3/12** (2006.01); **F28F 13/02** (2006.01)

CPC (source: EP US)

**C01B 21/00** (2013.01 - US); **C01B 32/50** (2017.07 - US); **C09K 5/066** (2013.01 - EP US); **F28C 3/005** (2013.01 - EP); **F28C 3/18** (2013.01 - US)

Citation (search report)

See references of WO 2019012210A1

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Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

**WO 2019012210 A1 20190117**; CN 110997859 A 20200410; EP 3652264 A1 20200520; FR 3068707 A1 20190111; FR 3068707 B1 20200731; JP 2020526624 A 20200831; SG 11202000084W A 20200227; US 2021088284 A1 20210325

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**FR 2018051692 W 20180705**; CN 201880052104 A 20180705; EP 18762568 A 20180705; FR 1756516 A 20170710; JP 2020500701 A 20180705; SG 11202000084W A 20180705; US 201816630003 A 20180705