

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 CO₂ and liquid nitrogen, in which: - the content of solid particles of CO₂ is between 70 and 85% by weight and - the solid particles of CO₂ 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

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

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

DOCDB simple family (application)

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