

Title (en)
METHOD AND DEVICE FOR TRANSPORTING POWDERS

Title (de)
VERFAHREN UND VORRICHTUNG ZUM FÖRDERN VON PULVERN

Title (fr)
PROCEDE ET DISPOSITIF POUR TRANSPORTER DES POWDRES

Publication
EP 4288359 A1 20231213 (FR)

Application
EP 22717872 A 20220330

Priority
• FR 2103437 A 20210402
• FR 2022050597 W 20220330

Abstract (en)
[origin: WO2022208023A1] The invention relates to a method for transporting non-flowable powders (P). This method comprises the following steps: mixing and suspending powders (P) and carbon dioxide in solid form, with introduction of a cryogenic fluid (FC), to give a cryogenic suspension (SC); mobilising the cryogenic suspension (SC) to allow it to be transported; controlling the mobilization of the cryogenic suspension (SC) as a function of one or more parameters linked to the first step of mixing and suspending.

IPC 8 full level
B65G 39/09 (2006.01); **B65G 53/00** (2006.01); **G21F 9/28** (2006.01)

CPC (source: EP US)
B65G 53/24 (2013.01 - EP US); **B65G 53/30** (2013.01 - EP US); **B65G 53/526** (2013.01 - EP US)

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

Designated validation state (EPC)
KH MA MD TN

DOCDB simple family (publication)
WO 2022208023 A1 20221006; EP 4288359 A1 20231213; FR 3121365 A1 20221007; US 2024190669 A1 20240613

DOCDB simple family (application)
FR 2022050597 W 20220330; EP 22717872 A 20220330; FR 2103437 A 20210402; US 202218553506 A 20220330