

Title (en)

SORTING BASED ON CHEMICAL COMPOSITION

Title (de)

SORTIERUNG AUF BASIS EINER CHEMISCHEN ZUSAMMENSETZUNG

Title (fr)

TRI BASÉ SUR UNE COMPOSITION CHIMIQUE

Publication

**EP 4267318 A1 20231101 (EN)**

Application

**EP 22877061 A 20220316**

Priority

- US 202163249069 P 20210928
- US 202163285964 P 20211203
- US 202217667397 A 20220208
- US 2022020657 W 20220316

Abstract (en)

[origin: WO2023055425A1] Systems and methods for classifying and sorting materials in order to produce a collection of materials that are composed of a particular chemical composition in the aggregate. The system may utilize a vision system and one or more sensor systems, which may implement a machine learning system in order to identify or classify each of the materials. The sorting is then performed as a function of the classifications.

IPC 8 full level

**B07C 5/16** (2006.01); **B07C 5/04** (2006.01)

CPC (source: EP KR)

**B07C 5/3416** (2013.01 - EP KR); **B07C 5/342** (2013.01 - EP); **B07C 5/3422** (2013.01 - KR); **B07C 5/36** (2013.01 - KR); **G06N 20/00** (2019.01 - KR)

Designated contracting state (EPC)

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Designated extension state (EPC)

BA ME

Designated validation state (EPC)

KH MA MD TN

DOCDB simple family (publication)

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