

Title (en)

SYSTEM AND METHOD FOR MAKING WASTE SAFE

Title (de)

SYSTEM UND VERFAHREN ZUR SICHERUNG VON ABFALL

Title (fr)

SYSTÈME ET MÉTHODE DE BANALISATION DE DÉCHETS

Publication

EP 4168188 A1 20230426 (FR)

Application

EP 21731461 A 20210608

Priority

- FR 2006320 A 20200617
- EP 2021065272 W 20210608

Abstract (en)

[origin: CA3181268A1] The invention relates to a system (100) for making waste (10) safe, in particular waste from healthcare activities with infectious risks, characterised in that it comprises: ? a conveyor line (101) configured to move the waste (10) and comprising a conveying device (110), ? a heating device (120) configured to heat at least one portion of the waste (10) when the waste moves on at least one portion of the conveyor line (101), and in that the system (100) comprises a tunnel (130) tightly sealing at least one portion of the conveyor line (101) for waste (10), and in that the system (100) further comprises an ozone injection device (140) configured to apply ozone to at least one portion of the waste (10) when the waste (10) moves on at least one portion of the conveyor line (101).

IPC 8 full level

B09B 3/00 (2022.01); **A61L 2/18** (2006.01); **A61L 2/20** (2006.01); **A61L 11/00** (2006.01); **B02C 19/00** (2006.01)

CPC (source: EP US)

A61L 2/04 (2013.01 - EP); **A61L 2/12** (2013.01 - EP US); **A61L 2/202** (2013.01 - EP US); **A61L 11/00** (2013.01 - EP US);
B02C 19/0075 (2013.01 - EP); **B09B 3/0075** (2022.01 - EP); **A61L 2202/12** (2013.01 - EP); **A61L 2202/121** (2013.01 - US);
A61L 2202/16 (2013.01 - EP)

Citation (search report)

See references of WO 2021254826A1

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)

FR 3111572 A1 20211224; FR 3111572 B1 20220909; CA 3181268 A1 20211223; CN 115768570 A 20230307; EP 4168188 A1 20230426;
US 2023233720 A1 20230727; WO 2021254826 A1 20211223

DOCDB simple family (application)

FR 2006320 A 20200617; CA 3181268 A 20210608; CN 202180043335 A 20210608; EP 2021065272 W 20210608; EP 21731461 A 20210608;
US 202118011009 A 20210608