

Title (en)

BLEACH ACTIVATORS CONTAINING TWO QUARTERNARY AMMONIUM GROUPS

Title (de)

BLEICHAKTIVATOREN MIT ZWEI QUARTÄREN AMMONIUMGRUPPEN

Title (fr)

ACTIVATEURS DE BLANCHIMENT CONTENANT DEUX GROUPES AMMONIUM QUATERNAIRE

Publication

EP 3898920 A1 20211027 (EN)

Application

EP 19818025 A 20191209

Priority

- DE 102018133517 A 20181221
- EP 2019084202 W 20191209

Abstract (en)

[origin: WO2020126608A1] The present invention relates to a compound of formula (I) and additionally to a method to manufacture the compound of formula (I). Furthermore, the invention is directed to a use of the compound of formula (I) as a bleach activator and to a laundry detergent composition, an automatic dishwashing composition, and an industrial cotton bleach composition, which comprise at least one compound of formula (I) according to the invention.

IPC 8 full level

C11D 3/39 (2006.01); **C07D 233/38** (2006.01)

CPC (source: EP)

C07D 401/14 (2013.01); **C11D 3/3927** (2013.01); **D06L 1/12** (2013.01); **D06L 4/12** (2016.12)

Citation (search report)

See references of WO 2020126608A1

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 2020126608 A1 20200625; EP 3898920 A1 20211027

DOCDB simple family (application)

EP 2019084202 W 20191209; EP 19818025 A 20191209