

Title (en)
METALLO-PORPHIRINS AS BLEACH CATALYST AND PROCESS FOR CLEANING FABRICS

Publication
EP 0306089 A3 19900509 (EN)

Application
EP 88201833 A 19880829

Priority
GB 8720863 A 19870904

Abstract (en)
[origin: EP0306089A2] A process for cleaning and bleaching fabrics comprising the treatment of the fabric with a metallo-porphyrin compound, leaving the fabric in contact therewith for a predetermined time to effect sufficient adsorption of metallo-porphyrin on to the fabric, and thereafter washing the fabric with a peroxyacid bleach composition. Compositions for use in this cleaning and bleaching process and pretreatment products for local application of metallo-porphyrin catalyst on to fabrics are also disclosed.

IPC 1-7
C11D 3/395

IPC 8 full level
C11D 17/04 (2006.01); **C11D 3/39** (2006.01); **C11D 7/54** (2006.01); **D06L 3/02** (2006.01); **D06L 4/70** (2017.01)

CPC (source: EP)
C11D 3/3932 (2013.01)

Citation (search report)

- [YD] FR 2316371 A1 19770128 - PROCTER & GAMBLE [US]
- [Y] DE 2021099 A1 19701112 - GILLETTE CO
- [A] EP 0145438 A2 19850619 - PROCTER & GAMBLE [US], et al
- [A] EP 0057088 A1 19820804 - PROCTER & GAMBLE [US], et al

Cited by
EP0384503A1; US5256779A; US5280117A; US5368702A; US5703034A; TR25877A; US6020294A; US6119705A; US5622646A; US5798326A; US5703030A; US5314635A; US5705464A; US5246612A; US5908821A; US5686014A; US5939373A; US5968881A; US7357881B2; EP0522817A1; US5274147A; US5356554A; EP0458397A3; WO2018085300A1; US7205267B2; WO2018085315A1; WO0224852A1; WO9424250A1; EP0690122A2; EP3444328A1; EP0791647A2; EP2545988A2; WO2004069979A2; WO2018140454A1; DE112018000568T5; WO2018140432A1; EP3991962A1; EP0699745A2; WO2021097004A1; DE102011010818A1; WO2012107187A1; US9102903B2; WO2021026556A1; WO2020123889A1; WO2022251838A1; EP0783035A2; EP3075832A1; WO02100994A1; WO9531526A1; WO9308324A1; US6479450B1; WO2018140472A1; EP3881900A1; EP4197598A1; WO9926508A1; EP0778342A1; WO2018140431A1; DE112018000565T5; EP3719192A1; EP3915643A1

Designated contracting state (EPC)
CH DE ES FR GB IT LI NL SE

DOCDB simple family (publication)
EP 0306089 A2 19890308; EP 0306089 A3 19900509; AU 2167988 A 19890309; BR 8804531 A 19890404; GB 8720863 D0 19871014; JP H0197267 A 19890414; NO 883903 D0 19880901; NO 883903 L 19890306

DOCDB simple family (application)
EP 88201833 A 19880829; AU 2167988 A 19880830; BR 8804531 A 19880902; GB 8720863 A 19870904; JP 22026588 A 19880902; NO 883903 A 19880901