

Title (en)
WASHING METHOD FOR ROLLING AND DRESSING OILS

Title (de)
WASCHVERFAHREN FÜR WALZ- UND DRESSIERÖLE

Title (fr)
PROCÉDÉ DE LAVAGE POUR DES HUILES DE ROULEAU ET DE DRESSAGE

Publication
EP 3404084 B1 20230809 (DE)

Application
EP 18171973 A 20180514

Priority
EP 17171441 A 20170517

Abstract (en)
[origin: JP2019022906A] SOLUTION: There is provided a method for reproducing oil contaminated with aluminum from a rolling process/surface finishing process which intensively mixes contaminated oil with alkali hydroxide metal aqueous solution to wash away aluminum, subsequently causes phase separation between an aqueous phase and a purified oil phase, then separates the aqueous phase from the oil phase, and finally removes residual water and a suspenoid present in some cases by a drying agent from the oil phase so as to be used as pure oil in the rolling process or surface finishing process so that a mass ratio of the contaminated oil to the alkali hydroxide metal aqueous solution is at least 1:2.EFFECT: A method for cleaning surface finishing oil purifies contaminated oil through a non-continuous process without a thermal separation method so as to be able to use the purified oil as pure oil again.SELECTED DRAWING: Figure 1

IPC 8 full level
C10M 175/00 (2006.01); **C10M 175/02** (2006.01)

CPC (source: EP)
C10M 175/005 (2013.01); **C10M 175/02** (2013.01); **C10M 2209/104** (2013.01); **C10M 2209/105** (2013.01); **C10N 2010/02** (2013.01); **C10N 2040/245** (2020.05)

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