Title (en)
   PROCESS FOR THE DEMULSIFYING CLEANING OF METALLIC SURFACES

Title (de)
   Verfahren zum demulgierenden Reinigen von metallischen Oberflächen

Title (fr)
   PROCÉDÉ DE NETTOYAGE DÉSÉMULSIFIANT DE SURFACES MÉTALLIQUES

Publication
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Application
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Priority
   • EP 07727340 A 20070326
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Abstract (en)
   [origin: WO2007122056A1] The invention relates to a process for the demulsifying cleaning of metallic surfaces which may be contaminated with oil(s), with at least one further nonpolar organic compound, with fat(s), with soap(s), with particulate dirt and/or with at least one anionic organic compound using an aqueous, alkaline, surfactant-containing bath solution, with the bath becoming contaminated with oil(s), with at least one further nonpolar organic compound, with fat(s), with soap(s), with particulate dirt and/or with at least one anionic organic compound during cleaning of the metallic surfaces, which is characterized in that the bath contains at least one demulsifying surfactant or/and the latter is added to the bath, in that the bath additionally contains at least one cationic organic compound or/and the latter is added to the bath and in that the bath is maintained in a demulsifying state even in the case of increasing contamination, in particular with at least one anionic organic compound.

IPC 8 full level
   C23G 1/14 (2006.01); **C11D 1/835** (2006.01)

CPC (source: EP US)
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   C23G 1/18 (2013.01 - EP US); **C23G 1/19** (2013.01 - EP US); **C23G 5/06** (2013.01 - US); C11D 1/72 (2013.01 - EP US);
   C11D 2111/16 (2024.01 - EP US)

Cited by
   US11230768B2; WO2016165958A1; WO2016193005A1; WO2016193004A1

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DOCDB simple family (publication)
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   CA 2650947 A1 20071101; CA 2650947 C 20160524; CN 101473068 A 20090701; CN 101473068 B 20120704; CN 102787320 A 20121121;
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