

Title (en)

SURFACTANT MIXTURES AS COLLECTORS FOR THE FLOTATION OF NON-SULFIDIC MINERALS

Publication

EP 0270933 B1 19920722 (DE)

Application

EP 87117456 A 19871126

Priority

DE 3641447 A 19861204

Abstract (en)

[origin: US4790931A] Mixtures of (a) at least one alkyl or alkenyl polyethylene glycol ether which is terminally blocked by a hydrophobic radical, and (b) at least one anion-active surfactant are used as collectors in the flotation of non-sulfide ores.

IPC 1-7

B03D 1/00

IPC 8 full level

B03D 1/00 (2006.01); **B03D 1/004** (2006.01); **B03D 1/008** (2006.01); **B03D 1/012** (2006.01); **B03D 1/014** (2006.01)

CPC (source: EP US)

B03D 1/0043 (2013.01 - EP US); **B03D 1/008** (2013.01 - EP US); **B03D 1/012** (2013.01 - EP US); **B03D 1/014** (2013.01 - EP US); **B03D 2201/02** (2013.01 - EP US); **B03D 2203/04** (2013.01 - EP US)

Cited by

WO2016041916A1; WO2017162563A2; EP0344553A1; US4995998A; CN112638540A; AU2015316962B2; EA033037B1; EA033037B9; WO2018197476A1; WO2020083793A1; US10376901B2; WO2020043829A1

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DE SE

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