

Title (en)

Aluminium and aluminium alloys cold rolling oil composition

Title (de)

Kaltwalzölzusammensetzung für Aluminium und Aluminiumlegierungen

Title (fr)

Composition pour le laminage à froid d'alumine et d'alliages d'alumine

Publication

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Application

EP 00400347 A 20000208

Priority

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Abstract (en)

The present invention relates to an aluminium and aluminium alloys cold rolling oil composition comprising a base stock oil and, based on the total weight of the composition, from 0.01 to 5% by weight of a compound A having the formula X₃-PO₃, wherein each X is selected from the group consisting of alkylaryl, aryl-alkyl and aryl groups, wherein each alkyl group has from 3 to 24 carbon atoms and can include heteroatoms like oxygen, nitrogenous or sulfur; each aryl group has from 4 to 10 carbon atoms and can include heteroatoms like oxygen, nitrogen or sulphur; and the alkyl and aryl groups are unsubstituted or substituted with up to 3 halogen substituents. The invention also relates to a process for cold rolling aluminium and aluminium alloys sheets and to the use of the oil composition in an aluminium, aluminium alloys or non ferrous metals cold rolling process. <IMAGE>

IPC 1-7

C10M 137/02; **C10M 169/04**

IPC 8 full level

C10M 137/02 (2006.01); **C10M 169/04** (2006.01)

CPC (source: EP)

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Citation (search report)

- [X] DATABASE WPI Section Ch Week 199403, Derwent World Patents Index; Class E17, AN 1994-023132, XP002141793
- [X] DATABASE WPI Section Ch Week 199432, Derwent World Patents Index; Class H07, AN 1994-260799, XP002141794
- [X] PATENT ABSTRACTS OF JAPAN vol. 007, no. 273 (C - 198) 6 December 1983 (1983-12-06)
- [X] DATABASE WPI Section Ch Week 198435, Derwent World Patents Index; Class E11, AN 1984-216316, XP002141795
- [X] DATABASE WPI Section Ch Week 199851, Derwent World Patents Index; Class A97, AN 1998-603421, XP002141796
- [X] DATABASE WPI Section Ch Week 198506, Derwent World Patents Index; Class H07, AN 1985-035410, XP002141797
- [A] PATENT ABSTRACTS OF JAPAN vol. 005, no. 128 (C - 067) 18 August 1981 (1981-08-18)

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FR

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