

Title (en)

METHOD FOR PREVENTING THE LEACHING OF COBALT AND NICKEL METAL SURFACES AND A CONCENTRATE USED IN SUCH METHOD

Publication

**EP 0068061 B1 19850821 (EN)**

Application

**EP 81730057 A 19810625**

Priority

EP 81730057 A 19810625

Abstract (en)

[origin: EP0068061A1] Metal working compositions (water base, oil base and oil-in-water-emulsions) containing a triazole of structure (I) in which R is hydrogen or methyl and/or a thiadiazole of structure (II) in which R is hydrogen or methyl and/or a thiadazole of structure (III) in which R sec is hydrogen, sodium or triethanol-ammonium. Optionally other additives may be added, e.g. sodium gluconate. The aqueous base and oil-in-water emulsions may be prepared in the form of a liquid concentrate which is subsequently diluted with water to form a metal working coolant or lubricant. These compositions prolong the life of metal cutting and grinding tools containing tungsten carbide particles bonded together by cobalt or nickel: <CHEM> .

IPC 1-7

**C10M 133/38**; C10M 135/36; C10M 173/00

IPC 8 full level

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Cited by

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