

Title (en)
Carrier-free metalworking lubricant and method of making and using same.

Title (de)
Trägerfreies Metallbearbeitungsschmiermittel und Verfahren zu seiner Herstellung und seiner Verwendung.

Title (fr)
Lubrifiant sans support pour le travail des métaux et méthode pour sa préparation et son utilisation.

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Application
EP 93307727 A 19930929

Priority
US 95493692 A 19920930

Abstract (en)
A carrier-free pulverulent metalworking lubricant composition. In one form, the composition contains from 2 to 30% by weight sulfur and at least one component having adhesive properties at forging temperatures, the composition being formed by a method comprising the steps of: (a) forming a dry mixture of said particulate lubricant components, and (b) agglomerating said admixture to form agglomerated particles. The application of the composition as a metal working lubricant significantly reduces smoke and oily waste generation in hot forging operations by eliminating the use of oils or volatile organic compounds as carriers, while providing acceptable performance, cleanability and sprayability.

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