

Title (en)  
ABRASIVE ARTICLES WITH ENCAPSULATED LUBRICANT

Title (de)  
SCHLEIFMITTEL MIT VERKAPSELTEM SCHMIERMITTEL

Title (fr)  
ARTICLES ABRASIFS A LUBRIFIANT ENCAPSULE

Publication  
**EP 0784528 A1 19970723 (EN)**

Application  
**EP 95935734 A 19951006**

Priority  
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Abstract (en)  
[origin: WO9611085A1] Abrasive articles having an encapsulated lubricant are described. In one aspect, the articles are characterized by a base substrate comprising a plurality of polymeric fibers adhered to one another at mutual contact points, the substrate having a base weight within the range from 20 to 10,000 g/m<sup>2</sup>, abrasive grains adhered to the substrate and a plurality of lubricant capsules adhered to the substrate the capsules comprising a continuous shell with lubricant therein, and the shell comprising a cured thermosetting resin. In another aspect, a composite abrasive article is characterized by at least two layers of the aforementioned abrasive article compressed together and adhered by a binder, the composite article having a flexural modulus of not more than 100 kgf/cm<sup>2</sup>.

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