

Title (en)

METAL MATRIX COMPOSITE GRANULES AND METHODS OF MAKING AND USING THE SAME

Title (de)

METALLMATRIXVERBUNDGRANULATE UND VERFAHREN ZUR HERSTELLUNG UND VERWENDUNG DAVON

Title (fr)

GRANULES COMPOSITES À MATRICE MÉTALLIQUE ET LEURS PROCÉDÉS DE PRODUCTION ET D'UTILISATION

Publication

**EP 3265596 A1 20180110 (EN)**

Application

**EP 16718531 A 20160303**

Priority

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- US 2016020645 W 20160303

Abstract (en)

[origin: WO2016141160A1] Metal matrix composite granules are disclosed comprising a ceramic phase dispersed in a matrix phase. The matrix phase includes aluminum or an aluminum alloy. The granules have an average particle size in the range of from about 100  $\mu\text{m}$  to about 1,000  $\mu\text{m}$ . Also disclosed are methods for producing the granules or articles or processes for using the granules to produce various articles, among other things.

IPC 8 full level

**B22F 1/052** (2022.01); **C22C 32/00** (2006.01)

CPC (source: EP US)

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Citation (search report)

See references of WO 2016141160A1

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