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(54) **CUBIC BORON NITRIDE COMPACTS**

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(52) **U.S. Cl.**

CPC ***B24D 3/06*** (2013.01); ***C22C 26/00*** (2013.01); *B22F 2005/001* (2013.01)

(58) **Field of Classification Search**

None

See application file for complete search history.

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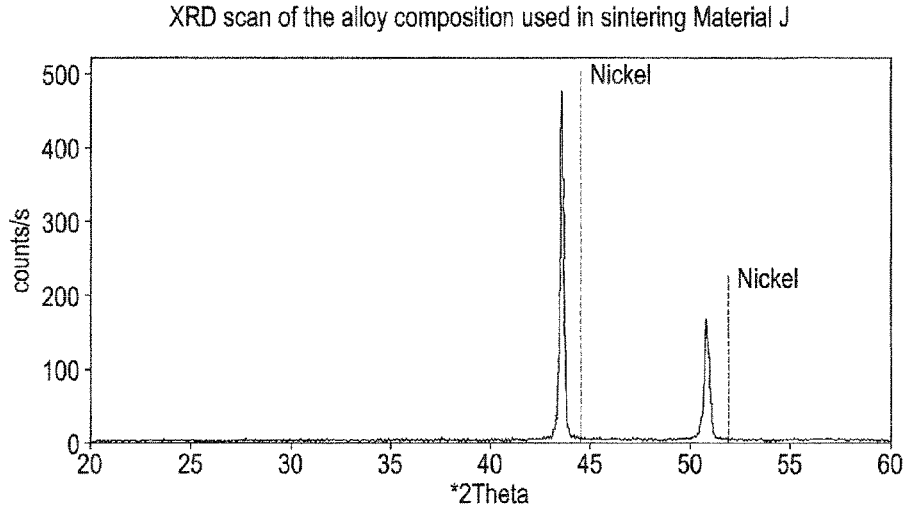
(57) **ABSTRACT**

A cubic nitride compact containing a polycrystalline mass of cubic boron nitride particles, present in an amount of at least 70 percent by volume, and a binder phase, which is metallic in character. In addition, a compact in which the binder phase is preferably superalloy in character.

16 Claims, 2 Drawing Sheets