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(54) Title: MULTI-SCALE CERMETS FOR HIGH TEMPERATURE EROSION-CORROSION SERVICE

(57) Abstract: A cermet composition represented by the formula (PQ)(RS)X comprising: a ceramic phase (PQ), a binder phase (RS) and X wherein X is at least one member selected from the group consisting of an oxide dispersoid E, an intermetallic compound F and a derivative compound G wherein said ceramic phase (PQ) is dispersed in the binder phase (RS) as particles of diameter in the range of about 0.5 to 3000 microns, and said X is dispersed in the binder phase (RS) as particles in the size range of about 1 nm to 400 nm.

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