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(54) Title: **ADVANCED EROSION-CORROSION RESISTANT BORIDE CERMETS**

(57) Abstract: A cermet composition represented by the formula $(PQ)(RS)$ comprising : a ceramic phase (PQ) and binder phase (RS) wherein, P is at least one metal selected from the group consisting of Group IV, Group V, Group VI elements, Q is boride, R is selected from the group consisting of Fe, Ni, Co, Mn and mixtures thereof, S comprises at least one element selected from Cr, Al, Si and Y.



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