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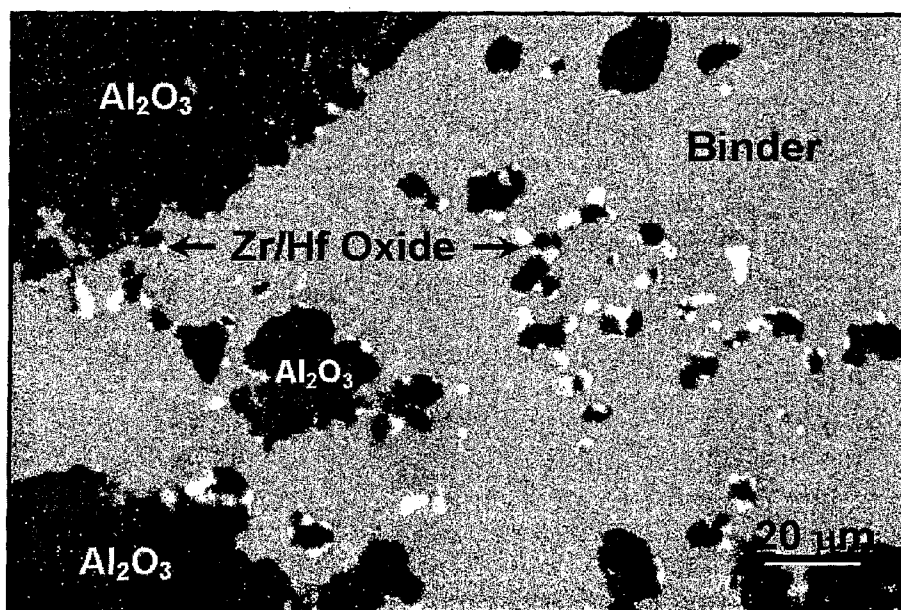
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[Continued on next page]

(54) Title: **ADVANCED EROSION RESISTANT OXIDE CERMETS**



(57) Abstract: A cermet composition and method for its manufacture represented by the formula (PQ) (RS) comprising: a ceramic phase (PQ) and a binder phase (RS) wherein, P is a metal selected from the group consisting of Al, Si, Mg, Ca, Y, Fe, Mn, Group IV, Group V, Group VI elements, and mixtures thereof, Q is oxide, R is a base metal selected from the group consisting of Fe, Ni, Co, Mn and mixtures thereof, S consists essentially of at least one element selected from Cr, Al and Si and at least one reactive wetting element selected from the group consisting of Ti, Zr, Hf, Ta, Sc, Y, La, and Ce.

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