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(54) **SYNTHESIS OF
PERHYDROXYDODECABORATE SALTS
AND RELATED SPECIES**

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(58) **Field of Search** 568/4, 5

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(57) **ABSTRACT**

New icosahedral borohydrates Cs₂[closa-B₁₂(OH)₁₂];
Cs[closa-1-H-1-CB₁₁(OH)₁₁]; and closa-1,12-H₂-1,12-
C₂B₁₀(OH)₁₀ are disclosed. Also set forth are their prepa-
ration by refluxing the icosahedral boranes
[closa-B₁₂H₁₂]²⁻, [closa-1-CB₁₁H₁₂]⁻ and closa-1,12-
(CH₂OH)₂-1,12-C₂B₁₀H₁₀ with a hydroxylating agent, pref-
erably 30%_w hydrogen peroxide.

11 Claims, 3 Drawing Sheets

