**Supplementary information to the paper**

**STUDY OF HYDROGEN STORAGE AND ELECTROCHEMICAL PROPERTIES OF THE AB2-TYPE Ti0.15Zr0.85La0.03Ni1.2Mn0.7V0.12Fe0.12 ALLOY**

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**Fig. S1.** Nyquist plot of EIS spectra experimental and fitted data of as cast Ti0.15Zr0.85La0.03Ni1.2Mn0.7V0.12Fe0.12 alloy.



**Fig. S2.** Nyquist plot of EIS spectra experimental and fitted data of annealed Ti0.15Zr0.85La0.03Ni1.2Mn0.7V0.12Fe0.12 alloy.