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Revisiting the Planck detected multiple-cluster system PLCK G214.6+36.9

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Several hundreds of clusters of galaxies have been discovered in the Planck data via the Sunyaev-Zel'dovich (SZ) effect. Among the first detected SZ sources confirmed with XMM-Newton, two were associated with multiple cluster systems. We will present a comprehensive X-ray analysis of the three clusters constituting the multiple system PLCK G214.6+36.9. Combined with the analysis of the associated VLT/VIMOS data, we find that PLCK G214.6+36.9 is most likely the projection of an individual cluster and a cluster pair.

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