Lazraq Khlass, A.; Oudadess, M.
Representation of extensions, of $\mathbb{C}$, endowed with a discrete absolute value. (English) [Zbl 1132.12303]

Summary: We prove that a field containing $\mathbb{C}$ and endowed with a complete discrete absolute value is isomorphic to $\mathbb{K}(\!(X)\!)$, where $\mathbb{K}$ is an adequate field.

For the entire collection see [Zbl 1109.46003].

MSC:
12J10 Valued fields

Keywords:
field; discrete valuation; Archimedean; topology