# EXPANDABLE METAL SLIP RING FOR USE WITH A SEALING ASSEMBLY

## ABSTRACT OF THE DISCLOSURE

Provided is a slip ring for use with a sealing assembly, a sealing tool, and a method for sealing an annulus within a wellbore. The slip ring, in at least one aspect, includes an expandable metal ring member having a width (w), a wall thickness (t), an inside diameter ($d_i$) and an outside diameter ($d_o$), the expandable metal ring member comprising a metal configured to expand in response to hydrolysis. The slip ring, in at least one aspect, further includes one or more cuts located in the wall thickness (t) and spaced around a circumference of the expandable metal ring member, the one or more cuts configured to allow the expandable metal ring member to move between a radially reduced state and a radially enlarged state.

[Fig. 2]