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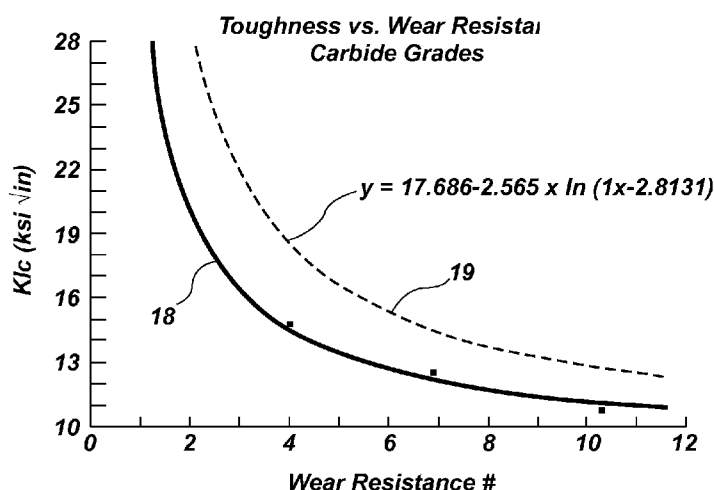
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- (54) **Title:** HARDFACING COMPOSITIONS INCLUDING RUTHENIUM, EARTH-BORING TOOLS HAVING SUCH HARDFACING, AND RELATED METHODS

**FIG. 1**

- (57) **Abstract:** Hardfacing compositions include grains of hard material embedded within a cobalt- based metal alloy that includes ruthenium. Earth-boring tools include such hardfacing compositions on one or more surfaces thereof. Methods of applying hardfacing to an earth- boring tool include embedding grains of hard material in a molten cobalt-based metal alloy including ruthenium on a surface of an earth-boring tool, and cooling and solidifying the molten cobalt-based metal alloy with the grains of hard material embedded therein.