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(54) Title: METHODS OF EXTRACTING PLATINUM GROUP METALS

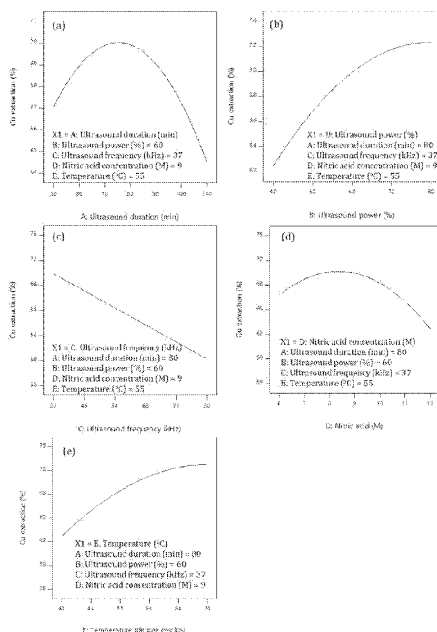


Figure 1

(57) Abstract: The present disclosure concerns a method of extracting platinum group metals (PGM) from a material, the method comprising surface oxidising the material; ultrasonically treating the surface oxidised material of step a) in the presence of an acid; and bioleaching the ultrasonicated material in the presence of cyanide in order to form a leachate comprising PGM, the cyanide being formed from a cyanide producing microbe in the presence of a cyanide precursor.

[Continued on next page]

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