

ABSTRACT

**IMPROVED METHOD FOR RECOVERING PALLADIUM FROM OTHER METAL ELEMENTS
PRESENT IN A NITRIC AQUEOUS PHASE USING MALONAMIDES AS EXTRACTANTS**

The present invention relates to a method for recovering palladium from a nitric aqueous phase comprising a nitric acid concentration of at most 3 mol.L⁻¹ and which contains, in addition to the palladium, at least one other metal cation having a valence no lower than 2, said method comprising a step of extraction by an organic phase comprising at least one malonamide that is free of sulphur atoms as an extractant, at least one step of washing the organic phase by an aqueous phase with an O/A ratio equal to or greater than 4 and a step of back-extracting the palladium by an aqueous solution.

[No suitable figure]