



**(57) Abrégé(suite)/Abstract(continued):**

crystallization of magnesium sulphite. The process proposes a way to recovery nickel and cobalt from laterite ores through the atmospheric and heap leaching with staged addition of ore - by size separation - and H<sub>2</sub>SO<sub>4</sub>, decreasing the nickel losses and simplifying the neutralization circuit and producing a more purified MHP. The present process route is employed for nickel extraction, including the one from high magnesium containing lateritic ores.