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(54) Title: ORE FINE AGGLOMERATE TO BE USED IN SINTERING PROCESS AND PRODUCTION PROCESS OF ORE FINES AGGLOMERATE

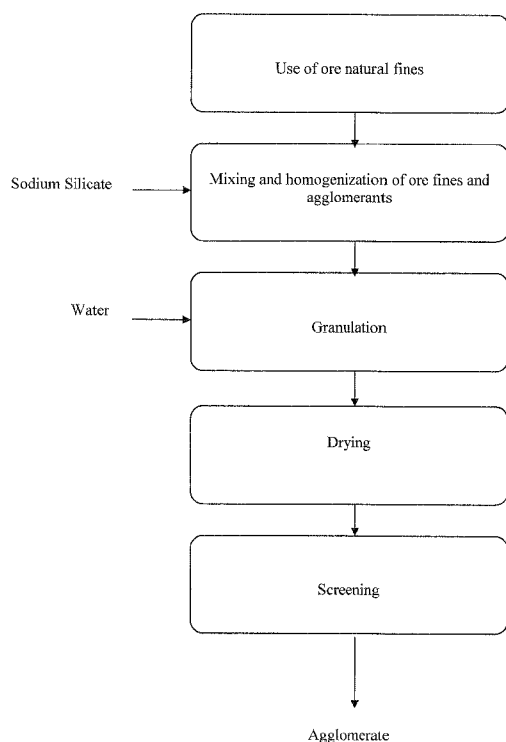


FIG. 1

(57) Abstract: An ore fine agglomerate to be used in a sintering process is disclosed, wherein the ore fine agglomerate is formed by a mixture of ore fine particles and an agglomerating agent, and wherein the particles have diameters between 0.01 mm and 8.0 mm. A production process of ore fines agglomerate is disclosed comprising the steps of using ore fine particles with a granulometry lower than 0.150 mm, mixing the ore fine particles with an agglomerating agent in a ratio of 0.5 to 5.0% by mass of sodium silicate, forming wet particles with diameters between 0.01 mm and 8.0 mm with an addition of water, and drying the wet particles at a temperature varying from 100°C and 150°C to form dry particles that are resistant to mechanical efforts and the elements.



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