

Title (en)
METHOD FOR THE PREPARATION OF FINE GRAIN ORES

Title (de)
VERFAHREN ZUM AUFBEREITEN VON FEINKÖRNIGEM ERZ

Title (fr)
PROCEDE DE TRAITEMENT DE MINERAI A GRAINS FINS

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Application
EP 00942084 A 20000616

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Abstract (en)
[origin: WO0107670A1] The invention concerns a method for the preparation of fine-grain ore (2) in which the ore (2) is subjected to wind screening using a gas. Two fractions are formed (6, 8): a crude fraction (6) and a primary fine fraction (8), whereby the crude fraction (6) is ejected (6) and the primary fine fraction (8) is carried along by the gas, then deposited out of the gas and at least the majority thereof this is processed together with the crude fraction (6). The primary fine fraction is subjected again to a wind screening (8) using a gas which results in the deposition of a secondary fine fraction (18) and is processed together with the crude fraction (6). An ultrafine fraction (19) is carried along with the gas and then deposited out of the gas. In the subsequent processing steps which the fine grain ore (2) is subjected to, caking and sticking which can be caused by the ultra-fine fraction (19), can be avoided.

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