

Title (en)

METHOD FOR GRANULATING A METALLURGICAL SLAG

Title (de)

VERFAHREN ZUR GRANULIERUNG EINER METALLURGISCHEN SCHLACKE

Title (fr)

PROCÉDÉ DE GRANULATION D'UN LAITIER MÉTALLURGIQUE

Publication

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Application

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Abstract (en)

[origin: WO2021156136A1] The invention relates to a method for granulating a metallurgical slag, in which liquid slag (1) is atomised by blowing air (2) onto it and the slag particles (3) thus granulated are collected. In order to ensure a high quality of the granular material and also work as energy-efficiently as possible, the invention provides that the atomisation is performed by blowing a heated jet of air (2) onto the liquid slag (1) free from the addition of water and feeding the slag to a process chamber (4), the granulated slag particles (3) accumulating in the floor region of the process chamber (4), the air (5) escaping from the process chamber (4) either being fed to a heat exchanger (6) which heats the jet of air that is blown onto the liquid slag (1) or being fed directly into the circuit to atomise the liquid slag (1).

IPC 8 full level

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