

Title (en)
SYSTEM FOR DRYING AND/OR FOR DETERMINING THE WATER CONTENT OF A SAMPLE AMOUNT OF SCRAP, USE OF THE SYSTEM AND METHOD

Title (de)
SYSTEM ZUR TROCKNUNG UND/ODER ZUR WASSERGEHALTSBESTIMMUNG VON EINER PROBEMENGE SCHROTT, VERWENDUNG DES SYSTEMS UND VERFAHREN

Title (fr)
SYSTÈME DE SÉCHAGE ET/OU DE DÉTERMINATION DE LA TENEUR EN EAU D'UN ÉCHANTILLON DE FERRAILLE, UTILISATION DU SYSTÈME ET PROCÉDÉ

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Abstract (en)
[origin: WO2017093219A1] The invention relates to a system (2, 62) for drying a sample amount of scrap and/or for determining the water content of a sample amount of scrap, comprising a ventilation device (4, 64) having a gas inlet (10, 66) and a gas outlet (14, 68a-d) arranged on an upper side (12) of the ventilation device (4, 64), such that a gas flow introduced into the ventilation device (4, 64) via the gas inlet (10, 66) is directed to the gas outlet (14, 68a-d) of the ventilation device, comprising a container (6, 72a-d) adapted to the ventilation device (4, 64) for receiving a sample amount of scrap, having a gas-permeable base (32) and a receptacle (26) into which a sample amount of scrap can be filled, wherein the container (6, 72a-d) can be coupled to the ventilation device (4, 64) in such a way that a gas flow exiting the ventilation device (4, 64) from the gas outlet (14, 68a-d) is directed through the base (32) of the container (6, 72a-d) and flows through the receptacle (26). The invention also relates to the use of the system for drying a sample amount of scrap or for determining the water content of a sample amount of scrap. The invention further relates to respective methods for drying a sample amount of scrap and a method for determining the water content of a sample amount of scrap using the system (2, 62) according to the invention.

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