

Title (en)  
CONCRETE RECYCLING FACILITY FOR RECYCLING WASTE CONCRETE FROM UNSET CONCRETE RESIDUES AND RESIDUES OBTAINED DURING THE CLEANING OF CONCRETE PRODUCING OR TRANSPORTING DEVICES

Title (de)  
BETONRECYCLING-ANLAGE ZUR WIEDERAUFBEREITUNG VON RESTBETON AUS NICHT VERBRAUCHTEN FRISCHBETONRESTEN SOWIE AUS RÜCKSTÄNDEN BEI DER REINIGUNG VON BETONHERSTELLUNGS- UND -TRANSPORTEINRICHTUNGEN

Title (fr)  
INSTALLATION DE RECYCLAGE DE BETON POUR LE RETRAITEMENT DE BETON RESIDUEL CONSTITUE DE RESTES DE BETON FRAIS NON UTILISES ET DE RESIDUS OBTENUS LORS DU NETTOYAGE DE DISPOSITIFS DE PRODUCTION ET DE TRANSPORT DE BETON

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Abstract (en)  
[origin: DE19738471A1] The invention relates to a concrete recycling facility for recycling waste concrete from unused unset concrete residues and from residues resulting from the cleaning of concrete producing or transporting devices such as truck mixers, mixing plants and concrete pumps in construction sites, concrete plants and recycling facilities. The invention seeks to provide a concrete recycling facility which ensures recycling of all waste concrete components and their reintroduction into the production process in an automatically controlled and monitored facility, without having to conduct the individual steps of the method in separate facilities. Furthermore, said facility should also ensure minimization of energy and material consumption and costs and should operate as far as possible free from the inappropriate influence of subjective factors. The inventive facility is a modular construction system mounted in a flexible frame unit in which all components of the facility are arranged variably and all rotating modular units operate fully externally from the waste concrete to be recycled and are supported, guided and driven by a single drive mechanism. The inventive facility can be controlled and monitored fully automatically by integrating conventional electronic control elements.

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