

Title (en)
INSTALLATION FOR THERMAL TREATMENT OF SUSPENDED POWDER SUBSTANCES, AND USE FOR FLASH CALCINING OF MINERAL, IN PARTICULAR CLAYEY, SUBSTANCES

Title (de)
VORRICHTUNG ZUR THERMISCHEN BEHANDLUNG VON IN EINEM GAS SUSPENDIERTEN FEINKÖRNIGEN GUT UND VERWENDUNG ZUR FLASH-KALZINIERUNG VON MINERALISCHEN ROHSTOFFEN, TON INSBESONDERE

Title (fr)
INSTALLATION DE TRAITEMENT THERMIQUE DE MATIERES PULVERULENTES EN SUSPENSION, ET APPLICATION POUR LA CALCINATION FLASH DE MATIERES MINERALES NOTAMMENT ARGILEUSES

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Application
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Abstract (en)
[origin: FR2764367A1] The invention concerns an installation for quick thermal treatment of suspended powder substances, in particular for flash calcining of mineral substances. Said installation comprises modules (M1, M2, M3) advantageously arranged in mobile units including means supplying powder substances, a combustion chamber (21) wherein the substances are introduced suspended in a hot air flux and a cooling assembly (M3) where the calcined substances are recuperated to pre-heat the combustion air. The substances are pneumatically transported in the heated air downstream of the supplying means, via a pre-heating device (17) up to the combustion chamber (21).

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