

Title (en)

CYCLONE PREHEATER VORTEX DETECTOR FOR THE CEMENT INDUSTRY, BASED ON SINTERED SILICON CARBIDE

Title (de)

ZYKLONVORWÄRMER-WIRBELDETEKTOR FÜR DIE ZEMENTINDUSTRIE BASIEREND AUF GESINTERTEM SILIZIUMKARBID

Title (fr)

DÉTECTEUR DE VORTEX DE PRÉCHAUFFEUR À CYCLONE POUR L'INDUSTRIE CIMENTIÈRE À BASE DE CARBURE DE SILICIUM FRITTÉ

Publication

**EP 3976264 A1 20220406 (FR)**

Application

**EP 20746688 A 20200529**

Priority

- IN 201941021774 A 20190531
- FR 2020000178 W 20200529

Abstract (en)

[origin: WO2020240102A1] Vortex detector (112) for a cyclonic separator (100), comprising a plurality of rings (118) stacked one on another and secured to one another; each ring (118) comprising a plurality of nesting elements (116) which are aligned on a given level; the nesting elements (116) of one of the rings (118) being suspended under the force of gravity and each nesting element (116) being connected to another nesting element (116) of another ring (118), and in turn joining the rings (118) to one another so as to form a closed annular assembly; at least one nesting element (116) comprising a sintered silicon carbide material.

IPC 8 full level

**B04C 5/13** (2006.01)

CPC (source: EP)

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Designated contracting state (EPC)

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Designated extension state (EPC)

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