

Title (en)

SYSTEM FOR DETECTING ROLLER BREAKAGE IN A TUNNEL KILN

Title (de)

SYSTEM ZUR ERKENNUNG EINES ROLLENBRUCHS IN EINEM TUNNELOFEN

Title (fr)

SYSTÈME DE DÉTECTION DE LA RUPTURE D'UN ROULEAU DANS UN FOUR TUNNEL

Publication

**EP 1747416 B1 20071121 (EN)**

Application

**EP 05747546 A 20050504**

Priority

- EP 2005004958 W 20050504
- IT RE20040060 A 20040521

Abstract (en)

[origin: WO2005114081A1] Method for detecting roller breakage in a tunnel kiln comprising a roller conveyor for advancing articles to be fired inside the tunnel, the ends of said rollers being supported outside the tunnel of said kiln, one of said ends being associated with drive means and the opposite end being free and supported by suitable idle wheels, there being associated with said free end a circuit for warning of roller breakage and means for exerting on the free end of the roller a force, the modulus of which is such as to cause a displacement of the end portion of the roller on breakage, to activate said warning circuit.

IPC 8 full level

**F27D 21/00** (2006.01); **F27B 9/40** (2006.01); **F27D 21/04** (2006.01)

CPC (source: EP)

**F27B 9/40** (2013.01); **F27D 21/00** (2013.01); **F27D 21/04** (2013.01)

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DOCDB simple family (publication)

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