

Title (en)

Apparatus for drying metal pieces

Title (de)

Vorrichtung zur Trocknung von Metallstücken.

Title (fr)

Dispositif de séchage de pièces métalliques

Publication

**EP 1826516 A1 20070829 (EN)**

Application

**EP 06425126 A 20060228**

Priority

EP 06425126 A 20060228

Abstract (en)

Apparatus for drying metal pieces, which comprises one or more drying devices (3, 5, 6) provided with a conveyor belt (3) passing through a duct (5), so that the portion of the conveyor belt (3) comprised in this duct is curved for forming a concave canal suitable for containing the metal pieces, said duct (5) being arranged in the turns of an inductor (6) for generating an electromagnetic field suitable for heating by induction the metal pieces transported by the conveyor belt (3).

IPC 8 full level

**F26B 3/347** (2006.01); **F26B 15/18** (2006.01); **H05B 6/02** (2006.01)

CPC (source: EP)

**F26B 3/347** (2013.01); **F26B 15/18** (2013.01); **H05B 6/103** (2013.01)

Citation (search report)

- [Y] EP 0742680 A2 19961113 - NORDSON CORP [US]
- [Y] US 4364466 A 19821221 - MOJDEN WALLACE W
- [A] US 5529703 A 19960625 - SPRENGER ROBERT A [US], et al
- [A] WO 2004054323 A2 20040624 - NORDSON CORP [US], et al
- [A] DE 1081986 B 19600519 - JUNKER FA O
- [A] US 5813138 A 19980929 - BARABE RICHARD [CA], et al
- [A] BE 536403 A
- [A] US 4739210 A 19880419 - KIRJAVAINEN KARI [FI]

Cited by

CN108469168A; US10571191B2; WO2016163955A1

Designated contracting state (EPC)

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Designated extension state (EPC)

AL BA HR MK YU

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