

Title (en)

Vibrating machine for the drying of metal pieces by means of hot air and absorbing material.

Title (de)

Rüttelmaschine zum Trocknen von Metallstücken mittels heisser Luft und absorbierendem Material.

Title (fr)

Machine vibrante pour le séchage de pièces métalliques au moyen d'air chaud et de matière absorbante.

Publication

EP 0282937 A2 19880921 (EN)

Application

EP 88103965 A 19880312

Priority

IT 1972987 A 19870317

Abstract (en)

The machine described is a vibratory unit for the drying of metal pieces and consists of: a) a drying section essentially consisting of a tubular ascending scroll constructed in polymeric material; of a semi circular trough for the charging of the pieces to be dried and for the charging and the control of the granulometry of the absorbing material and of a separation system of the dry pieces and the absorbing material; b) a non vibrating section essentially consisting of media for the heating and for the circulation of the air, this section being connected to the tubular scroll by means of flexible hose. o

IPC 1-7

B24B 31/073; **F26B 7/00**; **F26B 15/26**; **F26B 17/26**

IPC 8 full level

B24B 31/073 (2006.01); **F26B 7/00** (2006.01); **F26B 15/26** (2006.01); **F26B 17/26** (2006.01)

CPC (source: EP)

B24B 31/073 (2013.01); **F26B 7/005** (2013.01); **F26B 15/26** (2013.01); **F26B 17/266** (2013.01)

Cited by

EP1169165A4; ES2368045A1; ES2317783A1; EP0426045A1; EP0400516A1; CN103234337A; DE102019131105A1; EP3832239A3; US11674753B2

Designated contracting state (EPC)

AT BE CH DE ES FR GB GR IT LI LU NL SE

DOCDB simple family (publication)

EP 0282937 A2 19880921; **EP 0282937 A3 19900314**; **EP 0282937 B1 19920129**; AT E72322 T1 19920215; DE 3868091 D1 19920312; ES 2028921 T3 19920716; IT 1203369 B 19890215; IT 8719729 A0 19870317

DOCDB simple family (application)

EP 88103965 A 19880312; AT 88103965 T 19880312; DE 3868091 T 19880312; ES 88103965 T 19880312; IT 1972987 A 19870317