

Title (en)
VIBRATING MACHINE, PARTICULARLY FOR THE MASS DRYING OF METALLIC BODIES, WITH AUTOMATIC UNLOADING OF THE DRIED PARTS

Publication
EP 0400516 B1 19930414 (EN)

Application
EP 90110047 A 19900528

Priority
IT 2077589 A 19890602

Abstract (en)
[origin: EP0400516A1] The present invention relates to a vibrating machine, particularly for the mass drying of metallic bodies, with automatic unloading of the dried parts, which comprises a tank body (1) provided with vibrating means associated with a supporting frame by means of the interposition of anti-vibration means. The tank body (1) is internally provided with a bottom (3) defining a ramp-like portion (4) which leads to a selection plane having an initial fixed portion (11) a central openable portion (13) and a terminal unloading portion (14). The peculiarity of the invention is constituted by the fact that the openable central portion (13) comprises a first wing (20) which is pivoted to the initial fixed portion (11) and a second wing (21) which is pivoted to the terminal unloading portion (14). The wings (20,21) can be rotated to place them in a working position, whereat the first wing (20) is rotated downward for causing material to fall into the tank body (1), and in an unloading position, whereat the first wing (20) and the second wing (21) are mutually aligned for the outward conveyance of dried parts.

IPC 1-7
B24B 31/16; **F26B 17/26**

IPC 8 full level
B24B 31/16 (2006.01); **F26B 17/26** (2006.01)

CPC (source: EP)
B24B 31/16 (2013.01); **F26B 17/266** (2013.01)

Cited by
EP1523931A1; ES2317783A1; EP0882424A1; ES2368045A1; EP1304068A3; WO2021008883A1

Designated contracting state (EPC)
AT CH DE ES FR GB IT LI NL SE

DOCDB simple family (publication)
EP 0400516 A1 19901205; **EP 0400516 B1 19930414**; AT E88262 T1 19930415; DE 69001322 D1 19930519; DE 69001322 T2 19930722; ES 2039994 T3 19931001; IT 1229440 B 19910808; IT 8920775 A0 19890602

DOCDB simple family (application)
EP 90110047 A 19900528; AT 90110047 T 19900528; DE 69001322 T 19900528; ES 90110047 T 19900528; IT 2077589 A 19890602