

Title (en)

VIBRATORY ROLLER WITH AT LEAST ONE TYRE HAVING A BUILT-IN TWIN-SHAFT VIBRATION GENERATOR

Title (de)

VIBRATIONSWALZE MIT MINDESTENS EINER WALZENBANDAGE UND EINEM IN DIESER ANGEORDNETEN DOPPELWELLEN-SCHWINGUNGSERREGER

Title (fr)

ROULEAU VIBRANT AVEC AU MOINS UNE GARNITURE ET UN GENERATEUR DE VIBRATIONS A DEUX ARBRES MONTE DANS CETTE GARNITURE

Publication

EP 0789801 B1 20010926 (DE)

Application

EP 96929220 A 19960807

Priority

- DE 19529115 A 19950808
- EP 9603499 W 19960807

Abstract (en)

[origin: DE19529115A1] Proposed is a vibratory roller with at least one tyre (1, 2) having a built-in twin-shaft vibration generator (S), the roller desing making it possible to cause the vibration generator (S) to execute optionally either a circular oscillatory motion or a directional motion with respect to the axis of rotation (28) of the roller tyre (1, 2). The invention achieves this by virtue of the fact that the unbalanced shafts (3, 4) are disposed coaxially with respect to each other and to the axis of rotation (28) of the roller and that they can be coupled to each other in different ways: either to rotate in the same direction or to rotate in opposite directions, it being possible in each case to change the phase relationship of the unbalanced shafts (3, 4) with respect to each other.

IPC 1-7

E01C 19/28

IPC 8 full level

E01C 19/28 (2006.01)

CPC (source: EP US)

E01C 19/286 (2013.01 - EP US); **E01C 19/288** (2013.01 - EP US)

Designated contracting state (EPC)

CH DE ES FR GB IT LI NL SE

DOCDB simple family (publication)

DE 19529115 A1 19970306; CA 2202132 A1 19970220; CA 2202132 C 20010710; DE 59607775 D1 20011031; EP 0789801 A1 19970820; EP 0789801 B1 20010926; JP 3778939 B2 20060524; JP H10507504 A 19980721; US 5934824 A 19990810; WO 9706308 A1 19970220

DOCDB simple family (application)

DE 19529115 A 19950808; CA 2202132 A 19960807; DE 59607775 T 19960807; EP 9603499 W 19960807; EP 96929220 A 19960807; JP 50813397 A 19960807; US 81758897 A 19970606