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*of the United States Patent and Trademark Office has received
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and description of the invention are enclosed. The requirements
of law have been complied with, and it has been determined that
a patent on the invention shall be granted under the law.*

Therefore, this United States

Patent

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of the right to exclude others from using, offering for sale or selling throughout the United
States of America, products made by that process, for the term set forth in 35 U.S.C. 154(a)(2)
or (c)(1), subject to the payment of maintenance fees as provided by 35 U.S.C. 41(b). See the
Maintenance Fee Notice on the inside of the cover.*

Katherine Kelly Vidal

DIRECTOR OF THE UNITED STATES PATENT AND TRADEMARK OFFICE



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(12) United States Patent

Bargagli Petrucci et al.

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(54) AUTOMATIC PLANT FOR CLEANING
MOLDS FOR TIRES

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(58) Field of Classification Search
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See application file for complete search history.

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(*) Notice: Subject to any disclaimer, the term of this
patent is extended or adjusted under 35
U.S.C. 154(b) by 279 days.

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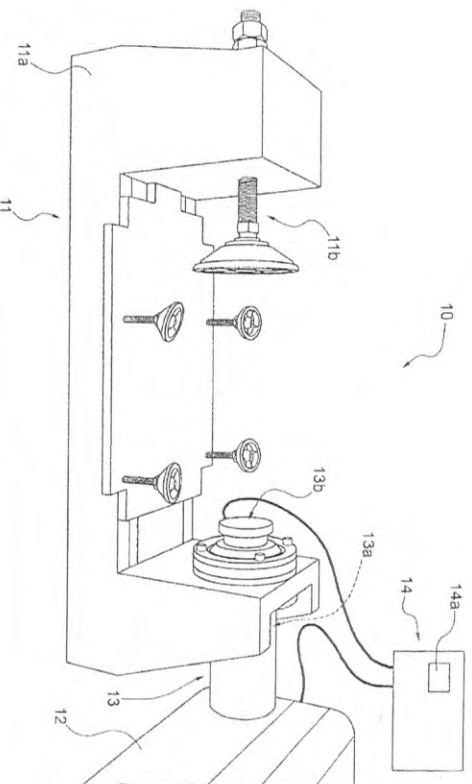
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An automatic plant for cleaning moulds for tyres, wherein
the moulds are constituted of sectors and cheeks, includes an
apparatus for internal cleaning of sectors and cheeks and an
apparatus for external cleaning of sectors and cheeks. The
apparatus for internal cleaning of sectors and cheeks com-
prises fixing means for sectors and cheeks in a stable
treatment position, a generating device for generating ultra-
sonic vibrations, transmitting means for transmitting the
vibrations from the device to the sector or cheek treated, in
(Continued)



such a way as to carry out cleaning of sectors or checks by subjecting them to vibrations.

10 Claims, 4 Drawing Sheets

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