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**Bonacini**

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(54) **BEAD BREAKING UNIT FOR TIRE CHANGING MACHINES**

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(57) **ABSTRACT**

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See application file for complete search history.

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A bead breaking unit includes an arm which is attachable to the base of a tire changing machine and has a first end for attachment of a bead breaking tool and a second end opposite the first. The first end is mobile between an idle position, in which the bead breaking tool is placed away from the base, and a working position, in which the bead breaking tool is placed in contact with a wheel to bead break, positioned in proximity to the base. The bead breaking unit also includes an adjustment device for adjusting the trajectory of the bead breaking tool when moving between the idle position and the working position, which are interposed between the base and the arm and suitable for defining a first operating configuration in which the trajectory is curvilinear and a second operating configuration in which the trajectory is rectilinear.

**9 Claims, 3 Drawing Sheets**

