



US008424584B2

(12) **United States Patent**  
**Bonacini**

(10) **Patent No.:** **US 8,424,584 B2**  
(45) **Date of Patent:** **Apr. 23, 2013**

(54) **UNIT FOR BEADING TIRES IN TIRE CHANGING MACHINES OR THE LIKE**

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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 259 days.

(21) Appl. No.: **12/803,654**

(22) Filed: **Jul. 1, 2010**

(65) **Prior Publication Data**

US 2011/0030904 A1 Feb. 10, 2011

(30) **Foreign Application Priority Data**

Aug. 7, 2009 (IT) ..... MO2009A0209

(51) **Int. Cl.**  
**B60C 25/138** (2006.01)

(52) **U.S. Cl.**  
USPC ..... **157/1.17; 157/1.24**

(58) **Field of Classification Search** ..... 157/1.17, 157/1.24

See application file for complete search history.

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(57) **ABSTRACT**

The unit for beading tires in tire changing machines or the like includes a bearing structure associable with a tire changing machine or the like, a supporting element associated with the bearing structure and moving with respect to the rim of a wheel mounted on the tire changing machine, a first actuator arrangement for moving the supporting element on the bearing structure, a beading tool associated with a free extremity of the supporting element, and a second actuator arrangement and a transformation arrangement for transforming the movement generated by the second actuator arrangement in the translation movement of the beading tool along a substantially curvilinear trajectory between a first extreme position, in which the beading tool is substantially retracted with respect to the rim, and a second extreme position, in which the beading tool is substantially closer with respect to the rim.

**16 Claims, 8 Drawing Sheets**

