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(54) Title (EN): TIRE FOR MATERIAL TREATMENT SYSTEM

(54) Title (FR): PNEU POUR SYSTÈME DE TRAITEMENT DE MATÉRIAUX

(57) Abstract:

(EN): The invention provides a tire and a roll wheel assembly used to crush material in a pulverizer including a generally toroidal body having a crushing surface on the outer periphery thereof. The crushing surface is configured and adapted to contact and crush the material within the pulverizer. At least one beveled surface is defined on an inner periphery of the body. The beveled surface is configured and adapted to engage a wedge disposed on a roller wheel of a roll wheel assembly to hold the tire on the roller wheel. The invention also provides a method of securing a tire to a roller assembly in a pulverizer for crushing material.

(FR): La présente invention concerne un pneu et un assemblage pour roue utilisés pour broyer des substances dans un pulvérisateur comprenant un corps généralement torique ayant une surface de broyage sur sa périphérie externe. La surface de broyage est configurée et adaptée pour se mettre en contact et broyer les substances à l'intérieur du pulvérisateur. Au moins une surface biseautée est définie sur une périphérie interne du corps. La surface biseautée est configurée et adaptée pour engrener un coin disposé sur un galet de roulement d'un assemblage de roue afin de retenir le pneu sur le galet de roulement. L'invention concerne également un procédé destiné à sécuriser un pneu sur un assemblage de roue dans un pulvérisateur pour broyer des substances.

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