

Title (en)

INFLATING UNIT WITH SEALING FACILITIES FOR A TYRE FILLED WITH AIR

Title (de)

AUFBLASEINHEIT MIT DICHTUNGSMERKMALEN FÜR EINEN MIT LUFT GEFÜLLTEN REIFEN

Title (fr)

UNITE DE GONFLAGE A DISPOSITIF D'ETANCHEITE POUR UN PNEU REMPLI D'AIR

Publication

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Application

**EP 02748631 A 20020628**

Priority

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Abstract (en)

[origin: WO03004328A1] A compact combination apparatus for inflating and mending a car tyre comprises a compressor with an outlet (10), where compressed air is lead to a tube (12) for connection to the filling valve of the tyre. In the duct of compressed air, an elbow pipe connector is provided (19), which can break the sealing on a bottle (4) with a sealing material and lead compressed air into the bottle, and by that pressing the sealing material out into the tube (12) through a pipe opening (21) at the end of the opening of the bottle. When the inflating unit is used only for refilling a tyre with air without mending it, a plug is inserted (22) in the socket (18) where the bottle (4) is to be fitted that, thus preventing admission of compressed air to the environment and instead conducting compressed air to the tube (12) through a clearance between a cavity (25) in the plug (22) and the pipe connector (19). According to the invention, a permanently mounted container with sealing material is avoided during normal use where tyres have to be refilled with air, whereby a substantial amount of space is saved.

IPC 1-7

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IPC 8 full level

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