

CLAIMS

1. A wrapping unit, comprising at least one gripper (2) provided with mutually opposite jaws (3) for clamping at least one end of a tubular blank (A) that contains a product (B) to be packaged, at least one of said jaws (3) comprising at least one air extraction unit (4) for extracting the air from the inside of said tubular blank (A) simultaneously with its clamping, said grippers (2) being at least two, which face each other and are arranged at a mutual distance that is substantially similar to the length of said tubular blank (A), a first gripper (2) being preset to clamp a portion of said tubular element (A) that is arranged upstream of the product (B) contained therein, a second gripper (2) being preset to clamp a portion of said tubular element (A) located downstream of the product (B) contained therein, at least one of said jaws (3) of each gripper (2) comprising at least one air extraction unit (4) for extracting the air from the inside of said tubular blank (A) simultaneously with its clamping, at least one of said jaws (3) comprising a heater (7) for increasing the temperature of a surface thereof that abuts against said tubular blank (A), the clamping of a portion of the blank (A) on the part of said gripper (2) provided with at least one jaw (3) having a heated portion producing the heat-sealing of the flaps of the tubular blank (A) that are mutually pressed against each other.

2. The wrapping unit according to claim 1, characterized in that at least one of said jaws (3) comprises an oscillating terminal clamp (5) that is intended to abut against said tubular blank (A), said at least one air extraction unit (4) being formed by said terminal clamp (5) that is therefore preset to extract the air from said tubular blank (A).

3. A wrapping machine of the type comprising a packaging carousel provided with a plurality of consecutive stations, comprising:

- a first forming station, provided with grip means for receiving a product (B) from a supply unit and with mutual coupling elements for the flaps of a covering sheet, between said grip means and said supply unit there being a packaging sheet, said grip means clamping said product (B) with the