

Title (en)

MOUTH PIECE FOR A WIND INSTRUMENT OF THE BRASS FAMILY, AND INSTRUMENT PROVIDED WITH SUCH MOUTH PIECE.

Title (de)

MUNDSTÜCK FÜR EIN BLASINSTRUMENT DER FAMILIE DER BLECHBLASINSTRUMENTE UND INSTRUMENTE MIT SOLCH EINEM MUNDSTÜCK.

Title (fr)

EMBOUCHURE POUR UN INSTRUMENT A VENT DE LA FAMILLE DES CUIVRES, ET INSTRUMENT POURVU D'UNE TELLE EMBOUCHURE.

Publication

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Application

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Abstract (en)

[origin: WO9117538A1] The invention relates to an instrument of the brass family, particularly a hunting horn, provided with a mouth piece and an inlet pipe which allows an improvement of the sound quality as well as a reduction of the physical effort of the user. The mouth piece (21) has an inlet cup (7) presenting a first conical surface with slight conicity and a second surface with pronounced conicity. This cup is followed by a zone with minimum cross-sectional area (22) formed preferably by a cylindrical section and followed by a divergent cone (14). The tail (4) of the mouth piece has an external conical surface (5) nested in a convergent inlet cone (26) of the instrument. Said inlet cone forms together with the outlet cone (14) of the mouth piece a chamber (31) wherein the sound is developed. This chamber is followed by a second cylindrical section (29).

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