Title (en)
DEVICE AND PROCESS FOR MIXING BARS OF POWDERED PROPELLING CHARGE.

Title (de)
VORRICHTUNG UND VERFAHREN ZUM MISCHEN VON TREIBLADUNGSPULVER-STANGEN.

Title (fr)
PROCEDE ET DISPOSITIF POUR MELANGER DES BARRES DE POUDRE DE CHARGE PROPULSIVE.

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Abstract (en)
[origin: WO9103314A1] The invention relates to a device and a process for mixing bars of powdered propelling charge. The device comprises a flexible belt (1) freely suspended in a loop between two drums (2, 3) with parallel axes located at a radial distance apart. The belt (1) can be oscillated between the drums (2, 3) by a drive (6, 7). The belt (1) is endless and can be oscillated between two coiling drums (4, 5) each of which can rotate clockwise and anticlockwise by means of the drives (6, 7). The bars of powdered propelling charge to be mixed (30) are placed in the suspended loop of the flexible belt (1) perpendicular to the longitudinal direction of the belt and mixed with each other by the oscillating movement of the belt (1). During mixing, the loop is periodically lengthened and shortened.

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