

## EUROINVENT 2020

### MD.18.

<b>Title</b>	<b>Toothpick hardening device</b>
<b>Authors</b>	Mazuru Alexandru, (MD); Trifan Nicolae, (MD); Mazuru Sergiu, (MD).
<b>Institution</b>	<b>Technical University of Moldova</b>
<b>Patent no.</b>	Cerere de brevet nr. a 2019 0095/2019.12.18
<b>Description</b>	The invention relates to the processing of pressure metals and can be used to increase the bearing capacity of the teeth. Purpose of the invention - broadening the technological possibilities, simplifying the construction of the device. The device is composed of the mobile drive disk 1, the fixed body 2, on which the hardening mechanism 3 is mounted, movable installed on the perimeter of the rotating disk 4 on the central spindle 5 and is based on the body 2 by means of the balls 6. In the body 2 it is installed a block 7, which has a high pressure cavity 8, holes, which communicate with the cavities of the block 7, and the pistons 9 and 10. The pistons 9 and 10 contact on the one hand with the mobile drive disk 1 and on the other hand with the elements loading 3, forming with its front part and loading elements 3 spherical joints 11.

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Class no.