

Title (en)
DISPENSING AND SORTING APPARATUS FOR GEMSTONES, AND ACCORDING METHODS

Title (de)
VERFAHREN UND VORRICHTUNGEN ZUM VERTEILEN UND SORTIEREN VON EDELSTEINEN

Title (fr)
PROCÉDÉS ET DISPOSITIFS DE DISPERSION ET DE TRI DES PIERRES PRÉCIEUSES

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Application
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Priority
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Abstract (en)
[origin: WO2018154325A1] A dispensing apparatus for dispensing gemstones from a horizontal moveable surface is provided. The apparatus comprises a wheel, which is arranged to rotate about a horizontal axis located above the surface. The wheel comprises one or more teeth disposed around an outer circumference. A motor is configured to rotate the wheel and a sensor is configured to identify when one of the teeth is located at a predetermined position so as to indicate that the wheel is in a home position. The wheel is arranged so that a gap is defined between the surface and the wheel when the wheel is in the home position. One of the teeth comes into contact with a gemstone as the wheel rotates away from the home position, and pushes the gemstone off the surface.

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