

Title (en)

METHOD FOR PRODUCING PRESSED PRODUCTS AND ASSEMBLY FOR PRODUCING PRESSED PRODUCTS

Title (de)

VERFAHREN ZUR HERSTELLUNG VON PRESSLINGEN UND ANORDNUNG ZUR HERSTELLUNG VON PRESSLINGEN

Title (fr)

PROCÉDÉ DE FABRICATION D'ARTICLES PRESSÉS ET DISPOSITIF DE FABRICATION D'ARTICLES PRESSÉS

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Application

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Abstract (en)

[origin: WO2020001689A1] The invention relates to a method for producing pressed products and to an assembly for producing pressed products, in which the disadvantages of the prior art are overcome and an efficient method is achieved together with simple construction and simple implementation. Method for producing pressed products, in which, after feedstock has been supplied, the volume of the feedstock (11) is reduced and the feedstock subsequently undergoes a main compression process to form a pressed product and the pressed product is ejected, characterised in that, after the feedstock (11) is supplied, a preliminary compression process takes place to form a preliminary agglomerate (12) using at least one preliminary compression ram (1) or using at least one compacting screw (17) and the preliminary agglomerate (12) then undergoes the main compression process to form a pressed product in at least one compression mould (3) using at least one main compression ram (21) and the pressed product is then ejected from the at least one compression mould (3), the preliminary compression process, the main compression process and the ejection each taking place in a mutually parallel working direction. Assembly for producing pressed products, wherein, in at least one mould receiver (2), there is at least one compression mould (3) having a supply means (10) for feedstock (11), wherein the at least one compression mould (3) can be brought into alignment with at least one preliminary compression ram (1) or at least one compacting screw (17) and with at least one main compression ram (21), wherein the working directions of the at least one preliminary compression ram (1) or the at least one compacting screw (17) and the at least one main compression ram (21) are mutually parallel, wherein there is a counter pressing plate (4) on the side of the respective compression mould (3) or mould receiver (2) which is nearest or furthest away from the at least one preliminary compression ram (1), and there is a counter pressing plate (4) and/or a moulding channel (30) with a narrowed region (31), on the side of the respective compression mould (3) which is furthest from the at least one main compression ram (21), wherein the at least one compression mould (3) is continuous in the working direction.

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