

Title (en)
AN APPARATUS FOR FORMING CERAMIC SHEETS

Title (de)
VORRICHTUNG ZUR HERSTELLUNG VON KERAMIKPLATTEN

Title (fr)
APPAREIL POUR FORMER DES FEUILLES CÉRAMIQUES

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Application
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Abstract (en)
[origin: WO2015056129A1] An apparatus for forming ceramic sheets comprising: a conveyor belt (2) having a rigid abutting deck (11) below an upper branch (2') thereof and adjacent to it; means (5) for feeding ceramic powder material (6a) so as to release a layer of ceramic powder material (6) onto said upper branch (2'); a first pressing roller (10) with a horizontal axis (10a) perpendicular to the direction of extension (X) of the conveyor belt (2) and which is disposed above said conveyor belt (2); driving means (27) for the first pressing roller (10) which determine the rotation thereof around its axis (10a); at least a second pressing roller (20) with a horizontal axis (20a) perpendicular to the direction of extension (X) of the conveyor belt (2) and which is disposed below said rigid abutting deck (11) and is designed to actively interact, in an opposite and contrary direction, with said first pressing roller (10) in order to compress said layer of ceramic powder material (6); support and moving means (13) for the first pressing roller (10) which are directly connected to and operatively interact with said at least second pressing roller (20) so as to move said first pressing roller (10) vertically and exert a vertical pressing force from above and simultaneously a vertical reaction from below on said abutting deck (11) and on said layer of ceramic powder material (6).

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