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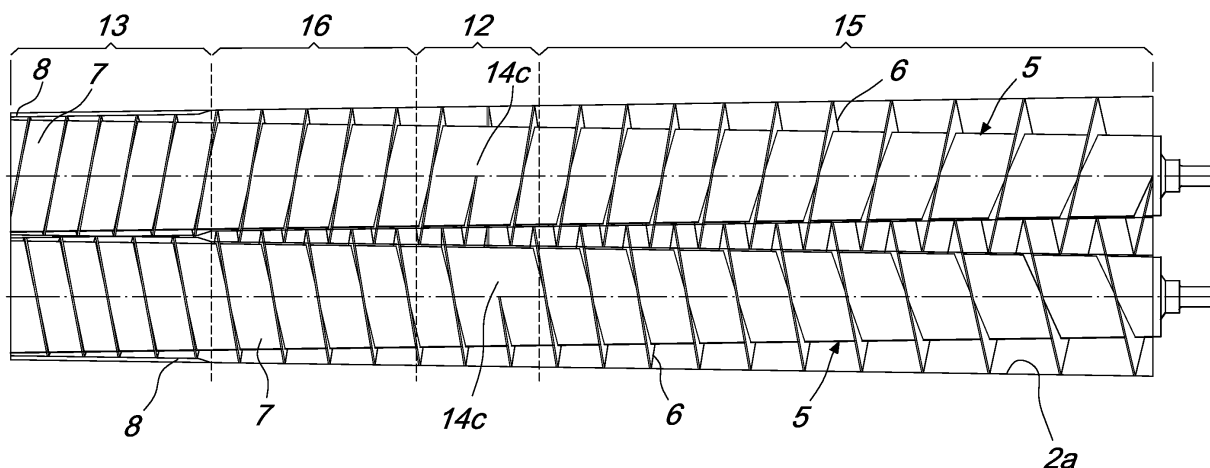
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(54) **Press for mechanical dehydration**

(57) A press for mechanical dehydration, of the type that comprises at least one filtration cage (2) provided with at least one inlet (3) for feeding the material to be pressed and with at least one outlet (4) for discharging the pressed material, the cage (2) accommodating at least one rotating screw feeder (5) provided with at least

one helix (6) which is wound around a respective shaft (7), comprising at least one interspace (8) formed between the crest (6a) of the helix (6) and the internal wall (2a) of the cage (2), the interspace (8) being thicker along at least one respective portion of the screw feeder (5), so as to facilitate the reverse flow and remixing of the material.



*Fig. 2*



## EUROPEAN SEARCH REPORT

Application Number  
EP 08 15 5758

| DOCUMENTS CONSIDERED TO BE RELEVANT                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                                                                                                          |                                                       |                                         |
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**ANNEX TO THE EUROPEAN SEARCH REPORT  
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