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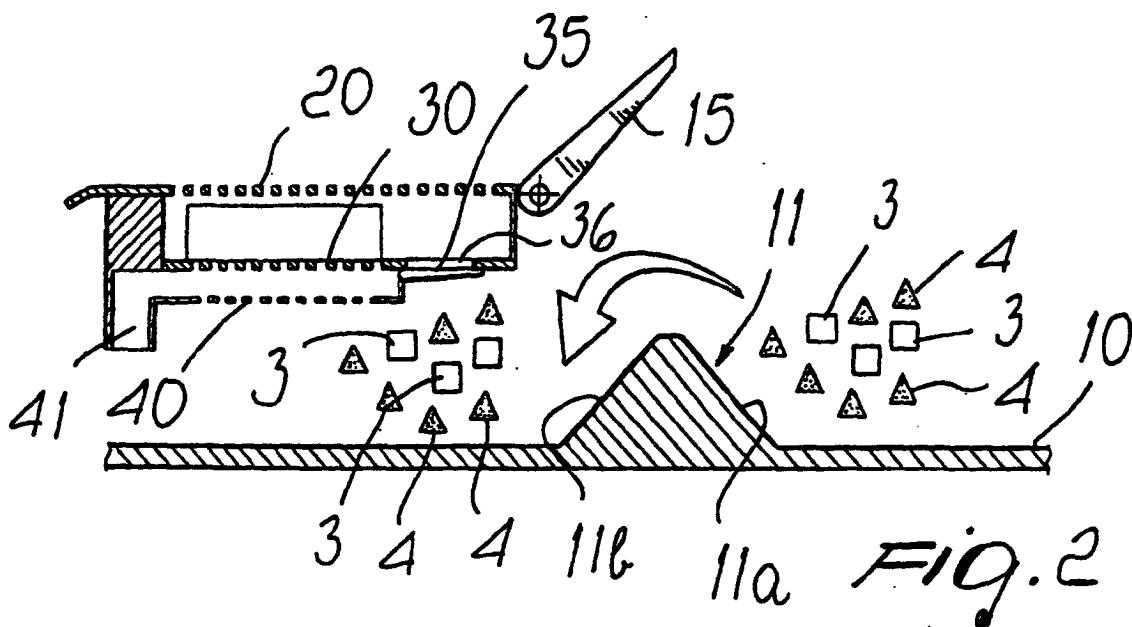
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(54) **Circular vibratory finishing machine with automatic separation of the parts to be treated and of the finishing media**

(57) The present invention relates a circular vibratory finishing machine (1) with automatic separation of the parts to be treated (3) and of the finishing media (4), comprising a circular tank body (2) for containing the parts to be treated (3) and the finishing media (4) and provided with a bottom (10) that has an extraction ramp (11) that can be engaged by an extraction flap (15) for

conveying the mass being treated in the tank body (2) toward a grille (20) for separating the treated parts. The particularity of the invention consists in that it comprises, below the separation grille (20), an intermediate grille (30) is provided for selecting the finishing media (4) in order to convey the reusable finishing media (4) into the tank body (2) and the undersized finishing media (5) onto a lower surface (40) for outward evacuation.





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EUROPEAN SEARCH REPORT

Application Number
EP 02 02 8795

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Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim							
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<p>The present search report has been drawn up for all claims</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 33%;">Place of search</td> <td style="width: 33%;">Date of completion of the search</td> <td style="width: 34%;">Examiner</td> </tr> <tr> <td>THE HAGUE</td> <td>29 October 2003</td> <td>Garella, M</td> </tr> </table> <p>CATEGORY OF CITED DOCUMENTS</p> <p>X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document</p> <p>T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons & : member of the same patent family, corresponding document</p>				Place of search	Date of completion of the search	Examiner	THE HAGUE	29 October 2003	Garella, M
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**ANNEX TO THE EUROPEAN SEARCH REPORT
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EP 02 02 8795

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