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(72) Inventor: **Vaccaro, Tiberio**
36025 Noventa Vicentina (Prov. Vicenza) (IT)

(74) Representative: **Modiano, Guido, Dr.-Ing. et al**
Modiano & Associati SpA
Via Meravigli, 16
20123 Milano (IT)

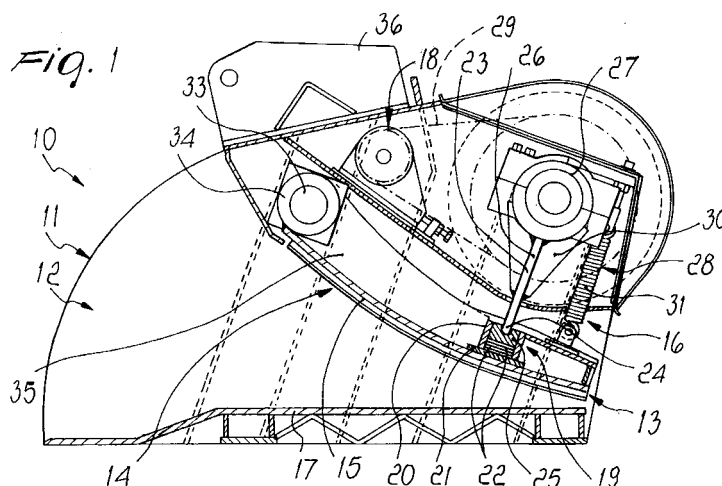
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(71) Applicant: **Eurodem S.r.l.**
36025 Noventa Vicentina (IT)

(54) **Bucket for crushing and screening rubble or stones**

(57) A bucket (10), particularly for crushing and screening rubble or similar stony material, comprising a box-like structure (11) which can be articulated to movement arms of self-propelled vehicles and is open at a first side (12), which is arranged frontally with respect to the advancement direction when picking up the rubble, and at a second side (13), being aligned with the first side, for the exit of the crushed and screened rubble. A crushing and screening unit (14) is supported inside the box-like (11) structure and comprises a movable crushing plate (15) being pivoted to a region which is arranged at the first side (12) and is free to oscillate under the control of actuation/vibration means (16), the

plate forming, together with a wall (17) of the structure (11) which lies opposite thereto, a hopper whose output section can be adjusted, at the second side, so as to allow the screening of the rubble while it is being crushed, motor means (18) being provided which are suitable to drive the actuation/vibration means (16), the arms being suitable to change the box-like structure from a configuration for picking up the rubble, in which the first side is arranged frontally with respect to the advancement direction, to a crushing/screening configuration, in which the first and second sides (12,13) are arranged vertically, the second side (13) being arranged below so as to allow the rubble being crushed to fall by gravity, and vice versa.





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EUROPEAN SEARCH REPORT

Application Number
EP 01 10 6464

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The present search report has been drawn up for all claims			
Place of search MUNICH		Date of completion of the search 20 June 2002	Examiner Laurer, M
CATEGORY OF CITED DOCUMENTS 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		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	

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**ANNEX TO THE EUROPEAN SEARCH REPORT
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