

Title (en)  
METHOD AND APPARATUS FOR THE ESSENTIALLY ADIABATIC COMPACTION OF WASTE MATERIALS TO ASHLARS OF HOMOGENEOUS MATERIAL

Title (de)  
VERFAHREN UND VORRICHTUNG FÜR DIE IM WESENTLICHEN ADIABATISCHE KOMPAKTIERUNG VON ABFÄLLEN ZU QUADERSTEINEN AUS HOMOGENEM MATERIAL

Title (fr)  
PROCEDE ET APPAREIL DE COMPACTAGE ESSENTIELLEMENT ADIABATIQUE DE DECHETS EN PIERRES DE MATERIAU HOMOGENE

Publication  
**EP 1042117 A2 20001011 (EN)**

Application  
**EP 98946712 A 19980930**

Priority

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- IT RM970587 A 19970930

Abstract (en)  
[origin: WO9916611A2] In order to produce ashlar stones or quarry stones and/or building cut stones by using municipal and/or industrial solid wastes as raw material possibly mixed with inert quarry materials, an essentially adiabatic compression of such waste materials is carried out. This can be made by using a hammer that strikes the material so as to cause a very quick reduction of the total and specific volume without internal heat exchange among the components of the original material. The ashlar obtained has the characteristics of an elastic solid.

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IPC 8 full level  
**B09B 3/00** (2006.01); **B30B 1/00** (2006.01); **B30B 9/30** (2006.01)

CPC (source: EP)  
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