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71 Applicant: **ECC INTERNATIONAL LIMITED**
John Keay House
St. Austell Cornwall PL25 4DJ(GB)

72 Inventor: **Adams, Roger William**
3 Gannet Drive

St. Austell Cornwall(GB)

Inventor: **Pearce, David Anthony**

3 Chegwins Hill Foxhole

St. Austell Cornwall(GB)

Inventor: **Falcon-Steward, Hugh Robin**

Penleggan 11 Marlborough Way

Sticker St. Austell Cornwall(GB)

74 Representative: **Cheyne, John Robert**
Alexander Mackenzie et al
HASELTINE LAKE & CO. 28 Southampton
Buildings Chancery Lane
London WC2A 1AT(GB)

54 **Comminution of material.**

57 Material is comminuted in a substantially dry state in a chamber (4) as a result of agitation by a rotor. During the process, gas is admitted to the chamber (4) through a foraminous base (8) to flow upwardly in a uniform manner across the cross-section of the chamber. Pulses of gas are directed periodically at the material through inlets (15) to

prevent agglomeration of the material. The pressure of the gas admitted through the inlets (15) is higher than that admitted through the foraminous base (8). Surface active agents may be added to the material, also to prevent agglomeration, as well as, or instead of the use of pulsed gas.

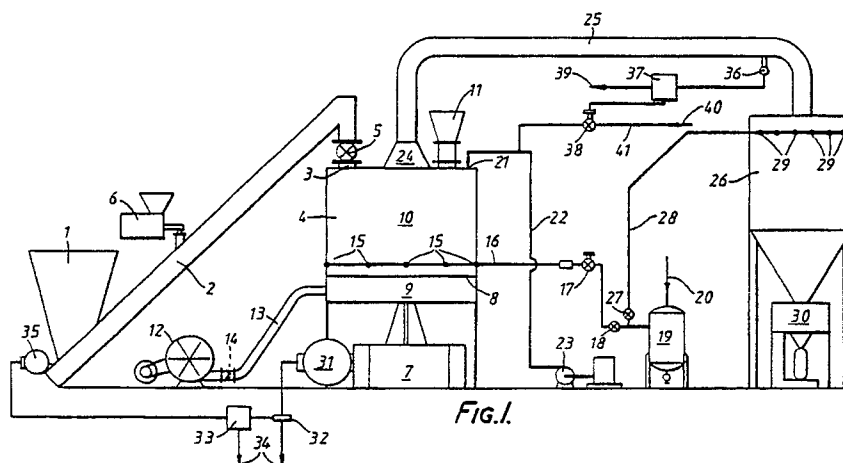


Fig.1.



DOCUMENTS CONSIDERED TO BE RELEVANT			
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int. Cl. 4)
A	GB-A-2 089 682 (GRACE & CO.) * Whole document * ---	1-15	B 02 C 23/26 B 02 C 23/06
A	GB-A-2 106 889 (GRACE & CO.) * Whole document * ---	1-15	
A	GB-A-2 147 296 (GRACE & CO.) * Whole document * ---	1-15	
A	US-A-3 325 105 (VELTMAN) * Whole document * ---	1-15	
A	US-A-3 604 634 (WINDLE) * Whole document * ---	1-15	
A	GB-A-2 028 785 (ICI) * Whole document * ---	1-15	
A	GB-A-1 319 258 (GENERAL MOTORS CORP.) * Whole document * ---	1-15	
A	DE-A-1 482 397 (V. EICHBORN) * Whole document * ---	1-15	TECHNICAL FIELDS SEARCHED (Int. Cl.4)
A	DE-A-3 416 245 (MAGYAR SZENHIDROGENIPARI KUTATO-FEJLESZTÖ INTEZET) * Whole document * -----	1-15	B 02 C
The present search report has been drawn up for all claims			
Place of search THE HAGUE		Date of completion of the search 18-07-1990	Examiner PYFFEROEN K.
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	