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(54) Improved concrete-mixing process and plant with mixing of components

(57) Improved concrete-mixing process and relative plant with the mixing of components in the field of the mixing of cement and non-cement aggregates with the mixing of components in the dry state thus allowing a fine homogenization of the compound, but with perfectly dosed single elements.

A process is provided together with a plant subdivid-

ed into two areas or basic phases.

The first area or phase consists in dry mixing batches of components, batchwise, the second area or phase consists in the continuation of the mixing and continuous hydration of the compound by means of a mixer-feeder.

EP 1 529 617 A3



DOCUMENTS CONSIDERED TO BE RELEVANT			CLASSIFICATION OF THE APPLICATION (IPC)						
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim							
X	GB 1 154 636 A (MASCHINENFABRIK BUCKAU R. WOLF AKTIENGESELLSCHAFT) 11 June 1969 (1969-06-11) * page 3, line 120 - page 4, line 13; figures 1,2 * * page 3, line 56 - line 57 * -----	1-5	B28C5/08 B28C7/04 B28C7/12						
A	US 5 522 658 A (JOHN ET AL) 4 June 1996 (1996-06-04) * column 4, line 65 - column 5, line 4 *	5							
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			TECHNICAL FIELDS SEARCHED (IPC)						
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<p>The present search report has been drawn up for all claims</p> <p>2</p> <table> <tr> <td>Place of search</td> <td>Date of completion of the search</td> <td>Examiner</td> </tr> <tr> <td>The Hague</td> <td>22 February 2006</td> <td>Boone, J</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	22 February 2006	Boone, J
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**ANNEX TO THE EUROPEAN SEARCH REPORT
ON EUROPEAN PATENT APPLICATION NO.**

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This annex lists the patent family members relating to the patent documents cited in the above-mentioned European search report. The members are as contained in the European Patent Office EDP file on. The European Patent Office is in no way liable for these particulars which are merely given for the purpose of information.

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