

Title (en)
Cement mixing process and apparatus.

Title (de)
Verfahren und Vorrichtung zum Mischen von Zement.

Title (fr)
Procédé et dispositif pour mélanger du ciment.

Publication
EP 0240588 A1 19871014 (EN)

Application
EP 86104937 A 19860410

Priority
EP 86104937 A 19860410

Abstract (en)
A novel apparatus and process for producing cement slurry on a batch basis is disclosed. During the charging of a slurry batcher (1) with water and cement, the cement dust so produced is captured and added back to the slurry being batched in order to minimize health and environmental hazards created by the cement dust. This is achieved by passing or venting entrapped air and dust in the batcher through air vent (61) and cement dust collection means which in one embodiment comprises a water reservoir (45) through which the air and dust passes. Dust is captured by the reservoir water and the reservoir water then discharged into the batcher so as to become part of the slurry batch with known and predetermined amounts of water and cement in the slurry.

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B01F 15/00 (2006.01)

CPC (source: EP)
B01F 35/181 (2022.01)

Citation (search report)
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