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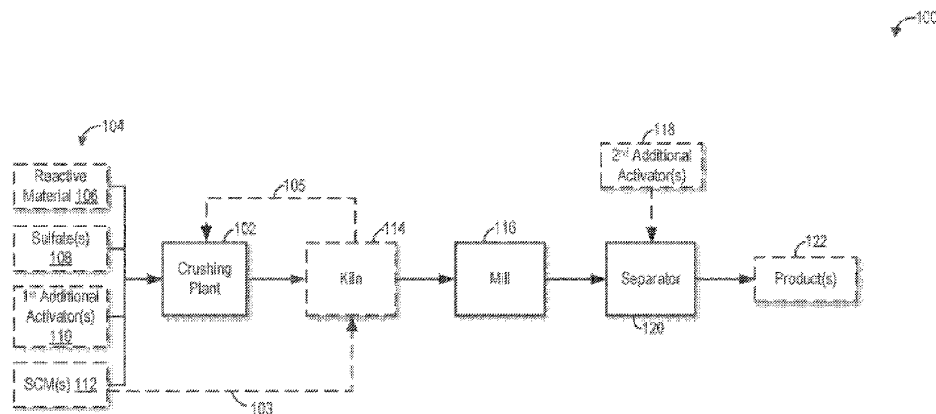


Fig. 1.

(57) Abstract: Systems and methods are provided for a forming a supersulfated cementitious material. In one embodiment, the super-sulfated cementitious material may include a ladle slag and one or more sulfates obtained from various industrial sulfurization processes. The supersulfated cementitious material may further include one or more supplementary cementitious materials (SCMs). An amount of ground granulated blast furnace slag incorporated into the supersulfated cementitious material may be less than 82% while demonstrating rapid strength development.

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