

Title (en)
Mixing device for materials with a high viscosity

Title (de)
Mischvorrichtung für hochviskose Substanzen

Title (fr)
Dispositif mélangeur pour des substances ayant viscosité élevée

Publication
EP 0594237 B1 19970226 (FR)

Application
EP 93202827 A 19931005

Priority
IT TO920838 A 19921019

Abstract (en)
[origin: EP0594237A2] An appropriate device for mixing substances which have a high viscosity, comprising one or two mixing rollers (13) rotating about vertical axes, which can be raised and lowered into and out of a rotating cylindrical drum (3) with a vertical axis, containing the substances to be mixed, and which can be moved in radial direction, and driving means (5, 10, 15) for actuating the movements of the mixing rollers and of the drum so that the mixing rollers, which are first of all raised to make it possible to instal the drum (3) containing the substances to be mixed, enter the drum (3) in an approximately central position while being immersed into the substances to be mixed, and then they produce the mixing by the combined action of their own rotation and the rotation of the drum (3), while moving, during this operation, closer to the walls of the drum, so as to subject the substances to be mixed to crushing, rolling and drawing in all the regions of the drum (3); finally, the mixing rollers (13) again adopt a substantially central position and are raised out of the drum (3) to allow it to be moved away and at the same time are cleaned by cleaning devices (16).

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