

Title (en)  
KNEADING MACHINE

Publication  
**EP 0203260 B1 19900509 (DE)**

Application  
**EP 86101551 A 19860206**

Priority  
DE 3519349 A 19850530

Abstract (en)  
[origin: US4797080A] A kneading machine with a charging opening leading to a kneading chamber, in which two axially parallel kneading tools can be driven in opposite directions at different rotational speeds, has at least three such kneading chambers which are disposed next to each other and an aperture which connects their internal spaces. The material to be kneaded can be conveyed through this aperture, which extends transversely of the shafts of the kneading tools from one kneading chamber to the next, so that the material is continuously treated until it reaches in the last kneading chamber an evacuating opening and preferably an evacuating worm which is mounted at such location and by means of which the material is ultimately evacuated from the machine. In this manner, the advantages of a kneading machine with shafts for kneading tools which are journaled at both ends are combined with the advantages of continuous treatment of the material to be kneaded. This also renders it possible to vary the shapes of kneading tools in the of kneading chambers.

IPC 1-7  
**B01F 7/02**

IPC 8 full level  
**B01F 7/02** (2006.01); **B01F 7/04** (2006.01)

CPC (source: EP US)  
**B01F 27/702** (2022.01 - EP US)

Cited by  
DE4419530C1

Designated contracting state (EPC)  
AT BE CH DE FR GB IT LI LU NL SE

DOCDB simple family (publication)  
**EP 0203260 A2 19861203; EP 0203260 A3 19870902; EP 0203260 B1 19900509**; AT E52424 T1 19900515; DE 3519349 A1 19861204; DE 3519349 C2 19871112; DE 3670958 D1 19900613; US 4797080 A 19890110

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**EP 86101551 A 19860206**; AT 86101551 T 19860206; DE 3519349 A 19850530; DE 3670958 T 19860206; US 86826486 A 19860528