

Title (en)  
Flow mixer.

Title (de)  
Mischer.

Title (fr)  
Mélangeur.

Publication  
**EP 0154901 A2 19850918 (EN)**

Application  
**EP 85102247 A 19850228**

Priority  
PL 24646584 A 19840228

Abstract (en)  
The subject of the invention is a flow mixer for mixing fine-grained and dusty solid materials with water in a continuous manner. The mixer according to the invention comprises a feeder (1) for batching ash in a continuous manner, a moisturing chamber (2), a homogenization chamber (6) and a fluidization chamber (10). The moisturing chamber (2) preferably has a slow-speed mixer (3), whereas the homogenization chamber and the fluidization chamber are set after each other axially and have a common shaft (7) with advancing and homogenizing-mixing members (9, 11). The fluidization chamber (10) is in the form of the frustrum of cone or cylinders of increasing diameters. The mixer has separate drives (4, 8), water supply stub-pipes (14, 20), bottom ash supply stub-pipe (13) and an inspection manhole (21).

IPC 1-7  
**B01F 3/12**; **B01F 7/02**

IPC 8 full level  
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Cited by  
ITMI20120305A1; DE19507366A1; US5634715A

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**EP 0154901 A2 19850918**; **EP 0154901 A3 19880406**; CS 137085 A2 19890613; CS 268517 B2 19900314; DD 233787 A5 19860312; HU 198270 B 19890928; HU T42346 A 19870728; IN 161855 B 19880213; JP S60255133 A 19851216; PL 142347 B1 19871031; PL 246465 A1 19850910; TR 22876 A 19880923; YU 30785 A 19881231; YU 45238 B 19920528

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