

Fig. 1

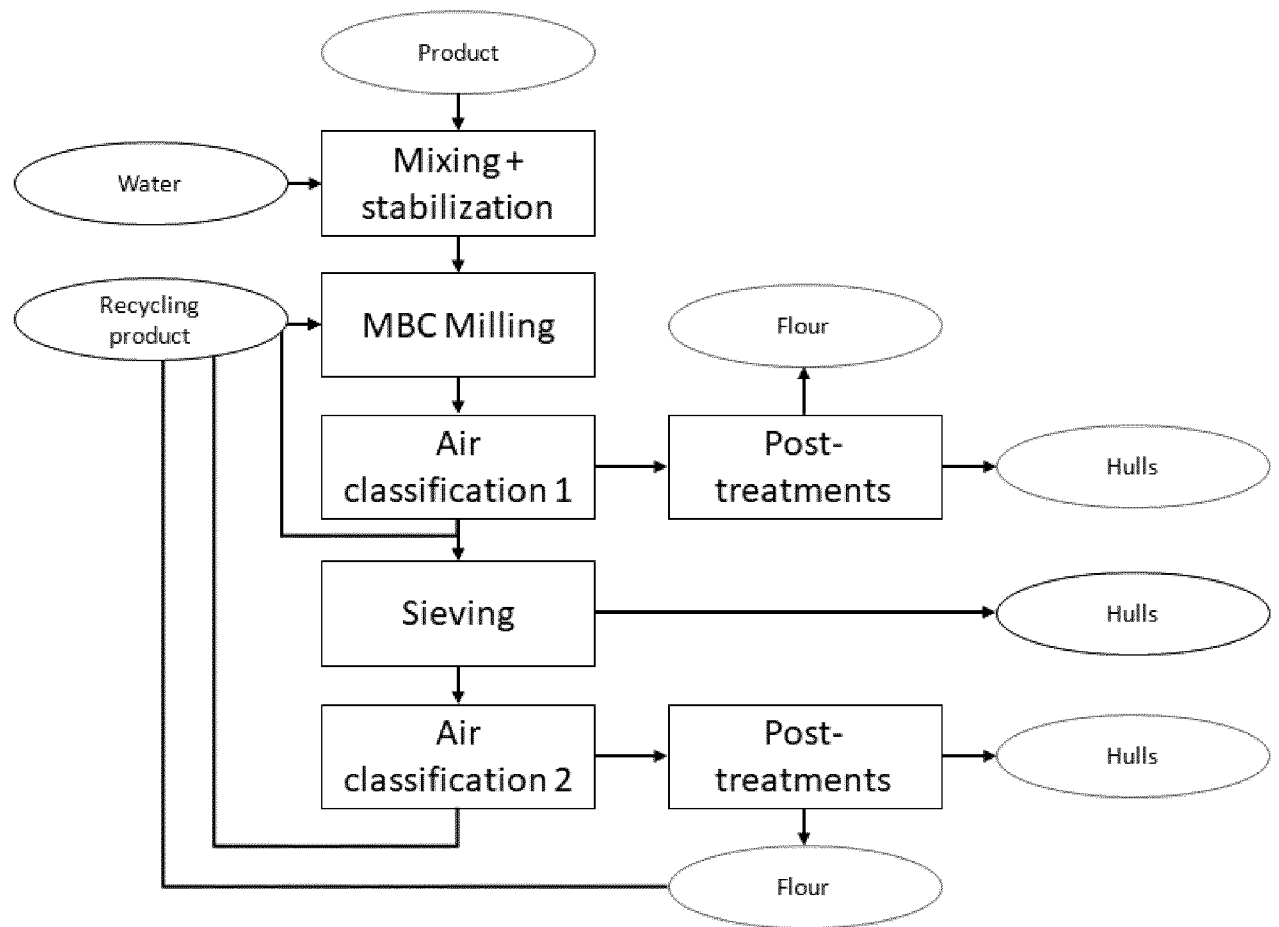


Fig. 2

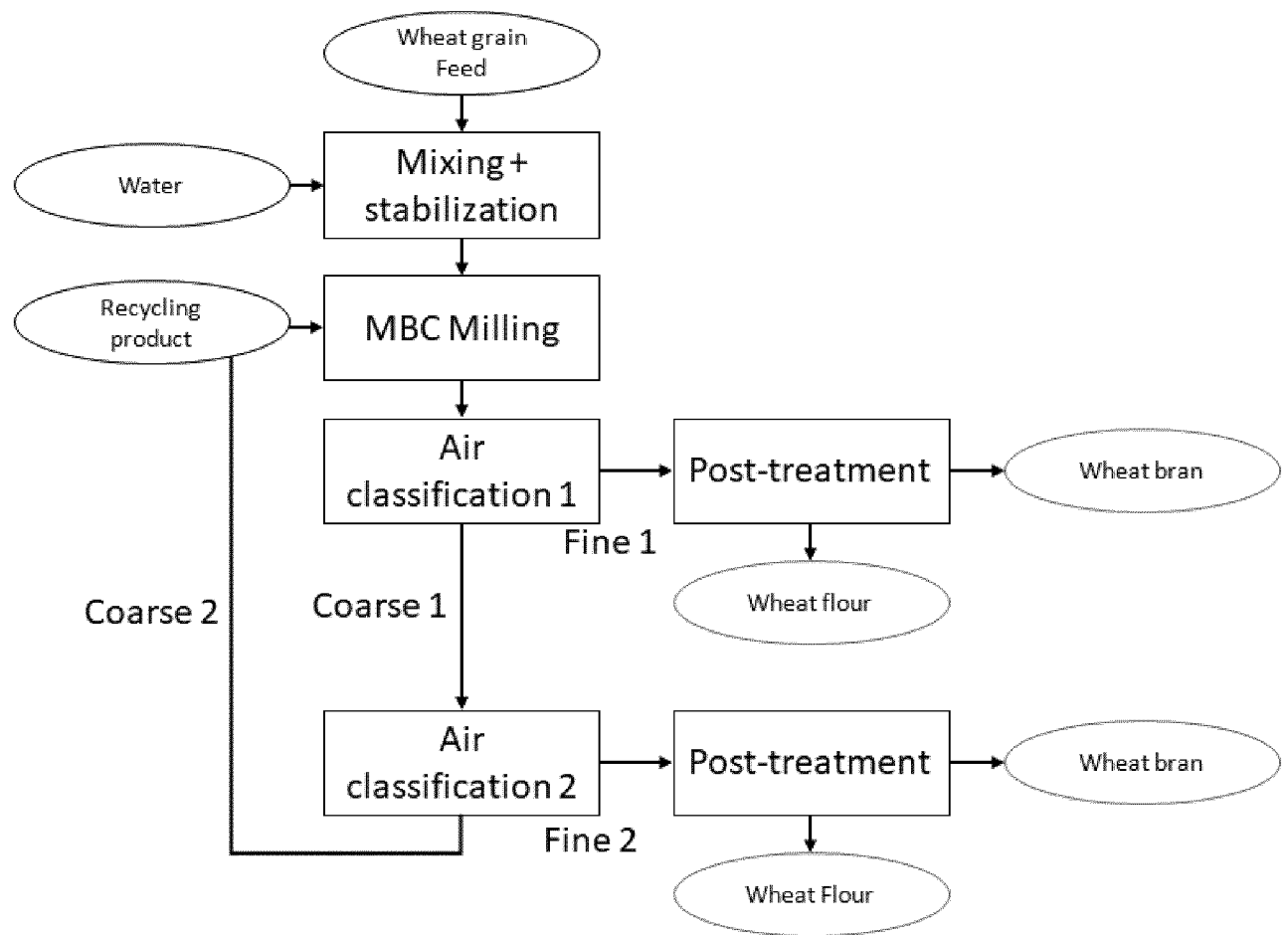


Fig. 3

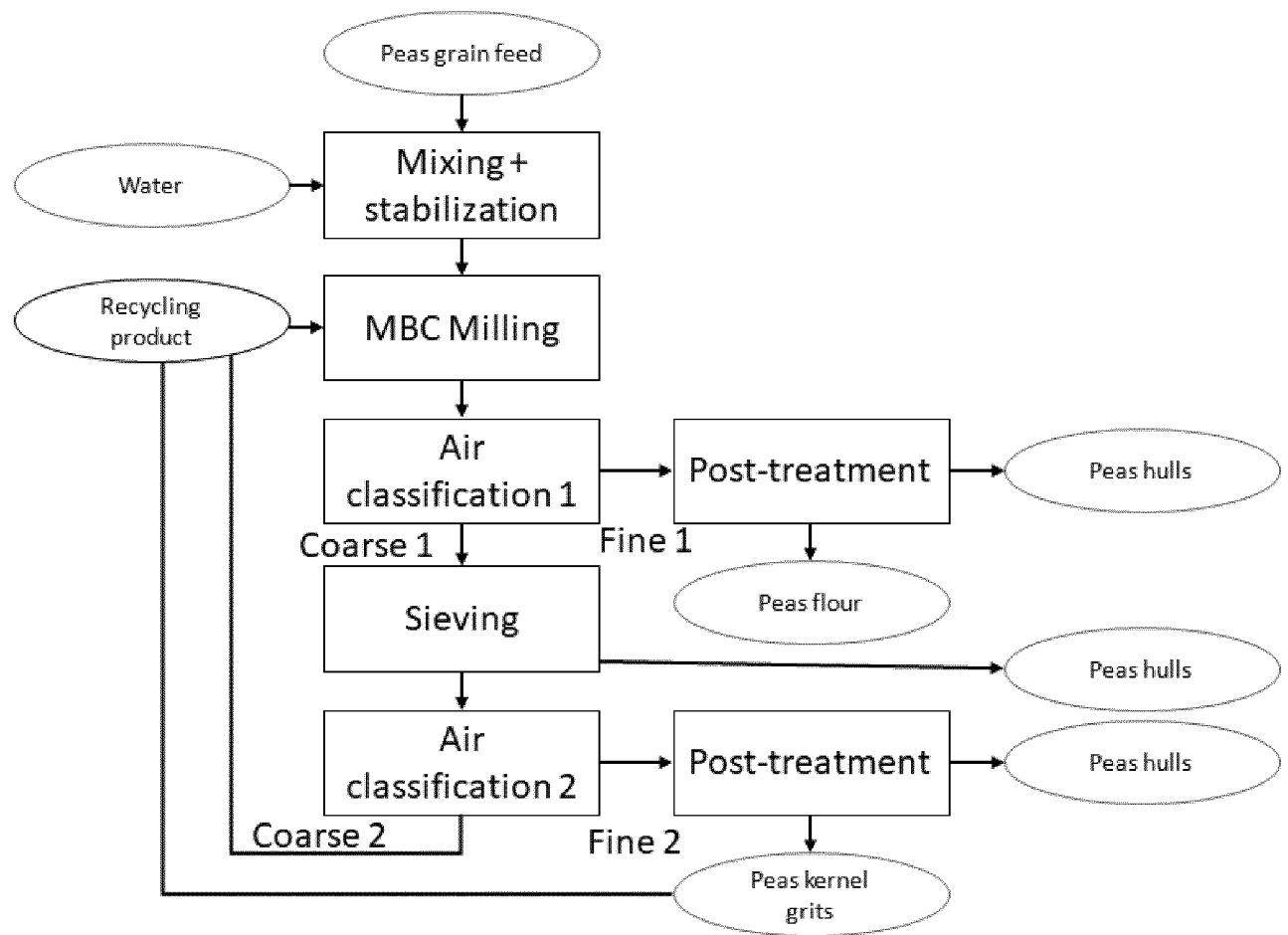


Fig. 4

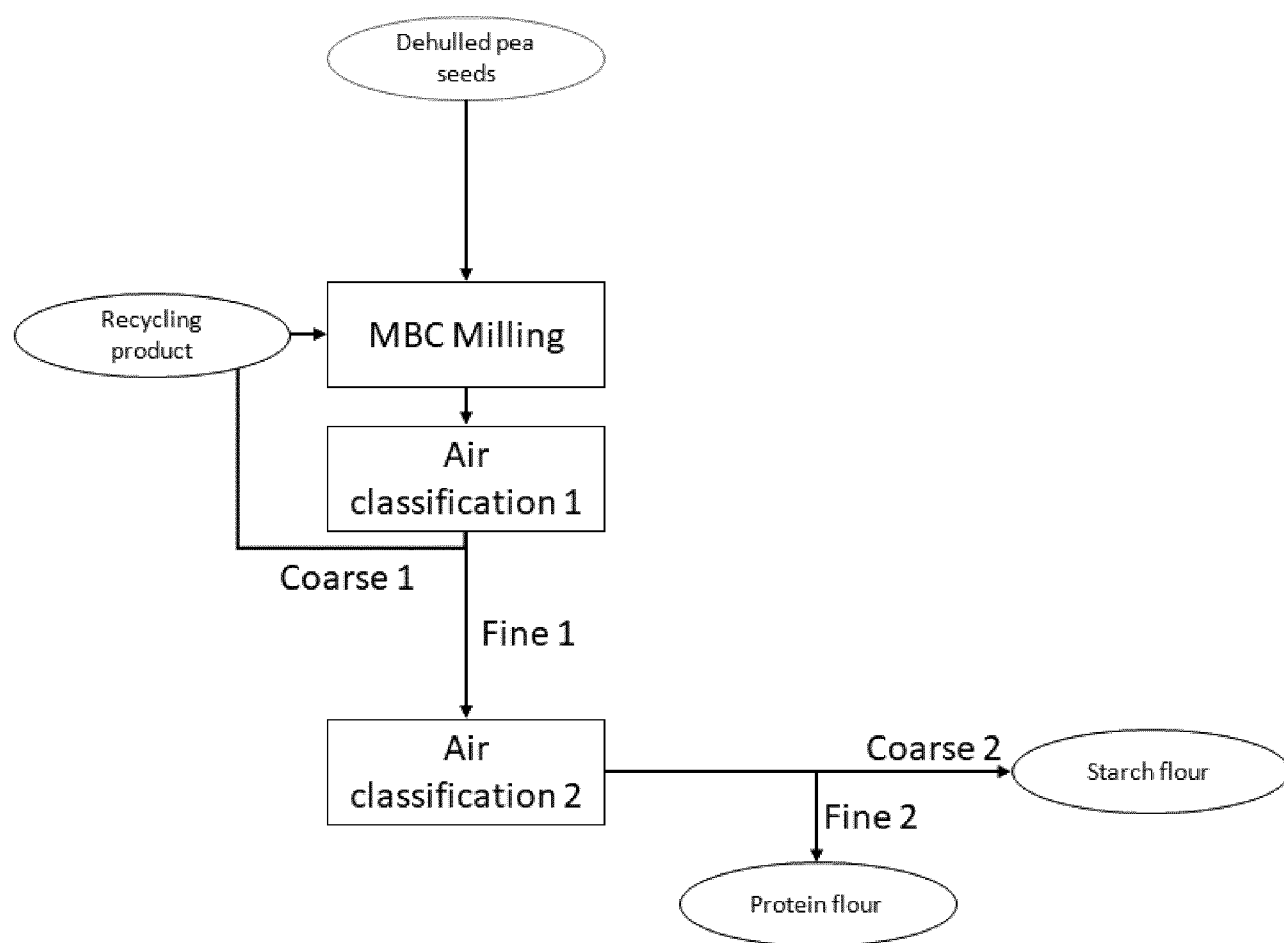


Fig. 5

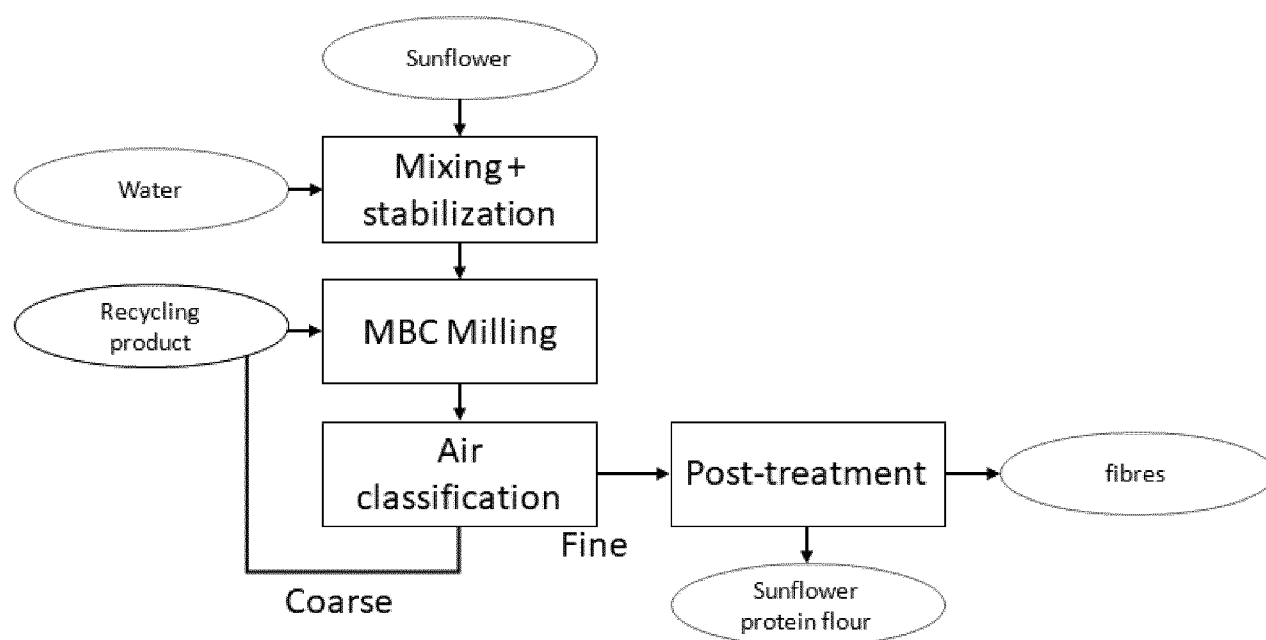


Fig. 6

Table 1 : Example of sunflower concentration performances compared with a roller mill diagram			
Roller mill			
Fraction	Protein (as is)	Mass balance (%)	Protein yield (%)
Feed	28,4%	-	-
Bran	7,7%	7%	2%
Middlings	13,3%	35%	16%
Flour	41,1%	50%	74%
Innovant milling diagram			
Fraction	Protein (as is)	Mass balance (%)	Protein yield (%)
Feed	28,7%	-	-
315 µm	9,9%	10%	3%
250 µm	12,6%	9%	4%
180 µm	20,6%	14%	10%
125 µm	28,2%	17%	17%
0 µm	38,3%	49%	65%

Fig. 7

Roller mill		
Fraction	Protein (%DM)	Mass balance (%)
Feed	36.4%	-
Bran	16.0%	25,3%
Middlings	7.1%	4,2%
Flour	46.5%	61,2%
Innovant milling diagram		
Fraction	Protein (%DM)	Mass balance (%)
Feed	36.4%	-
Fine fraction > 315 µm	20,3%	2,0%
Fine fraction 250-315 µm	24,4%	7,0%
Fine fraction 180-250 µm	34,0%	10,8%
Fine fraction 125-180 µm	35,8%	18,5%
Fine fraction <215 µm	38,9%	62,1%
Coarse fraction > 315 µm	28,4%	45,4%
Coarse fraction 250-315 µm	37,6%	27,0%
Coarse fraction 180-250 µm	42,9%	10,8%
Coarse fraction 125-180 µm	47,5%	13,3%
Coarse fraction <215 µm	47,3%	3,5%

Fig. 8

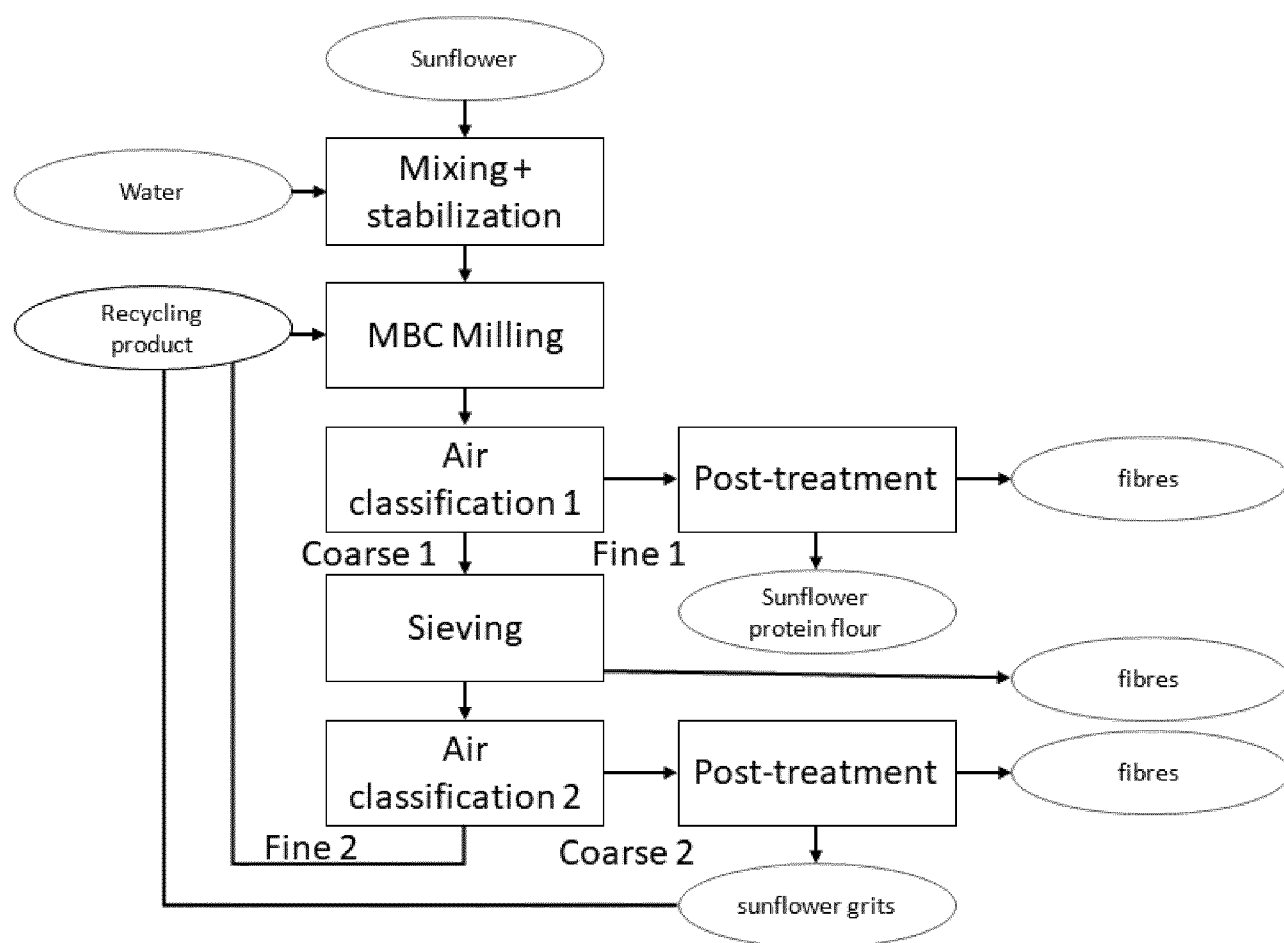


Fig. 9

