



US008541042B2

(12) **United States Patent**
Robinson et al.

(10) **Patent No.:** **US 8,541,042 B2**
(45) **Date of Patent:** ***Sep. 24, 2013**

(54) **BEVERAGES WITH ENHANCED FLAVORS AND AROMAS**

(75) Inventors: **Urano A. Robinson**, Seattle, WA (US);
J. Marcio Da Cruz, Seattle, WA (US)

(73) Assignee: **Starbucks Corporation**, Seattle, WA (US)

(*) Notice: Subject to any disclaimer, the term of this patent is extended or adjusted under 35 U.S.C. 154(b) by 0 days.

This patent is subject to a terminal disclaimer.

(21) Appl. No.: **13/341,738**

(22) Filed: **Dec. 30, 2011**

(65) **Prior Publication Data**

US 2012/0107457 A1 May 3, 2012

Related U.S. Application Data

(60) Division of application No. 12/973,782, filed on Dec. 20, 2010, now Pat. No. 8,114,457, which is a continuation of application No. 12/170,396, filed on Jul. 9, 2008, now Pat. No. 8,043,645.

(51) **Int. Cl.**
A23F 5/14 (2006.01)

(52) **U.S. Cl.**
USPC **426/594**; 426/595; 426/385; 426/386; 426/388; 426/392; 426/588; 426/587; 426/584; 426/580; 426/281

(58) **Field of Classification Search**
USPC 426/594, 595, 385, 386, 388, 392, 426/281, 580, 584, 587, 588
See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

1,836,931 A	12/1931	Meyer et al.
2,110,732 A	3/1938	Kane
2,224,942 A	12/1940	Weisman et al.
2,454,510 A	11/1948	Heyman et al.
2,557,294 A	6/1951	Kellogg et al.
2,650,034 A	8/1953	Wiemer
2,955,768 A	3/1959	Engi
3,261,689 A	7/1966	Ponzi
3,532,507 A	10/1970	Cascione et al.
3,544,331 A	12/1970	Hair
3,565,635 A	2/1971	Mahlmann
3,652,292 A	3/1972	Bach et al.
3,652,293 A	3/1972	Lombana et al.
3,660,108 A	5/1972	Mednis

(Continued)

FOREIGN PATENT DOCUMENTS

AT	368 839 B	11/1982
CA	989246 A1	5/1976

(Continued)

OTHER PUBLICATIONS

Aga AB, Reference Installation of Cryo grinding of spices, Internal Technical documentation, FOO-155-9111-1000-e and FOO-154-9111-2000-e, 4 pages, S-181 81 Lidingo, Sweden.

(Continued)

Primary Examiner — Anthony Weier

(74) *Attorney, Agent, or Firm* — Knobbe Martens Olson & Bear LLP

(57) **ABSTRACT**

The present embodiments generally relate to beverages with enhanced flavors and aromas and method of making same. Some embodiments of the present disclosure are directed to soluble coffee and methods of making soluble coffee with improvements in such qualities as taste and aroma.

9 Claims, 3 Drawing Sheets

