

Title (en)  
CELLULAR HYDRATION COMPOSITIONS CONTAINING CYCLODEXTRINS

Title (de)  
ZELLULARE HYDRATATIONSZUSAMMENSETZUNGEN MIT CYCLODEXTRINEN

Title (fr)  
COMPOSITIONS D'HYDRATATION CELLULAIRE CONTENANT DES CYCLODEXTRINES

Publication  
**EP 2658578 A1 20131106 (EN)**

Application  
**EP 10821423 A 20101231**

Priority  
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Abstract (en)  
[origin: WO2012090018A1] A composition interacts with a biological cell system that includes bioactive molecules with biomolecular surfaces, cellular components and water molecules with a specific density. The composition includes a biologically active component that is constructed to increase an activity of a biological cell system by increasing the hydration of one or more components of that cell system. The biologically active component may include a primary carbohydrate clathrate subcomponent that increases the H-bonded structure of water, and a secondary solute subcomponent. The biologically active component may include an inclusion complex that is made up of a clathrate component and a complex-forming compound. The clathrate subcomponent may include amyloses or cyclodextrins. There is also a beverage and a method that improves cellular hydration in an animal, such as a human.

IPC 8 full level  
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**A61P 43/00** (2017.12); **B82Y 5/00** (2013.01); **C08B 37/0015** (2013.01); **C08L 5/16** (2013.01)

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