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(54) Title: DOSAGE FORM OF SODIUM IBUPROFEN

(57) Abstract: A non effervescent tablet of ibuprofen, comprising a tablet core and, if desired, a-sugar or film coat, wherein the tablet core, based on the weight of the tablet core, consists of 50 to 100% by weight sodium ibuprofen hydrate and 50 to 0% by weight auxiliary material component and contains no lubricant and no disintegrant, and wherein the sodium ibuprofen hydrate has a water content of 8 to 16% by weight, preferably 11 to 16% by weight, possesses a sufficient hardness, is comparably small and leads to a particularly rapid increase in blood level and thereby to an accelerated onset of analgesic effect. Contrary to the current doctrine sodium ibuprofen hydrate having a suitable water content is sufficiently compressible.